



2172
#27
4-29-03
JH

PATENT APPLICATION
Attorney Docket No. D/A1055
Application No.: 09/683,237

CERTIFICATE OF MAILING
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Signature: Lisa Andreasen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Laurence Hubert et al.)	Art Unit: 2172
Appl. No.: 09/683,237)	Examiner: Isaac M. Woo
Filed: December 5, 2001)	

Technology Center 2100

APR 16 2003

RECEIVED

Title: SYSTEM WITH USER DIRECTED ENRICHMENT AND IMPORT/EXPORT
CONTROL

Commissioner for Patents
Washington, D.C. 20231

LETTER TO CHIEF DRAFTSPERSON

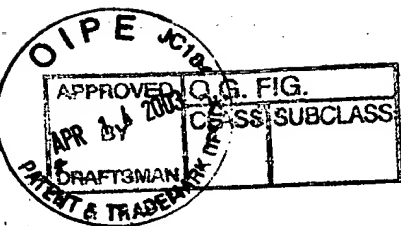
Sir:

Enclosed are sixty-nine (69) sheets of formal drawings depicting Figures 1-68.
Please substitute these drawings for those currently on file in the subject application.

Respectfully submitted,

Thomas Zell
Thomas Zell
Attorney for Applicant(s)
Registration No. 37,481
Telephone: 650-812-4282

Xerox Corporation
Grenoble, France
Date: 04/04/03



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09/683,237

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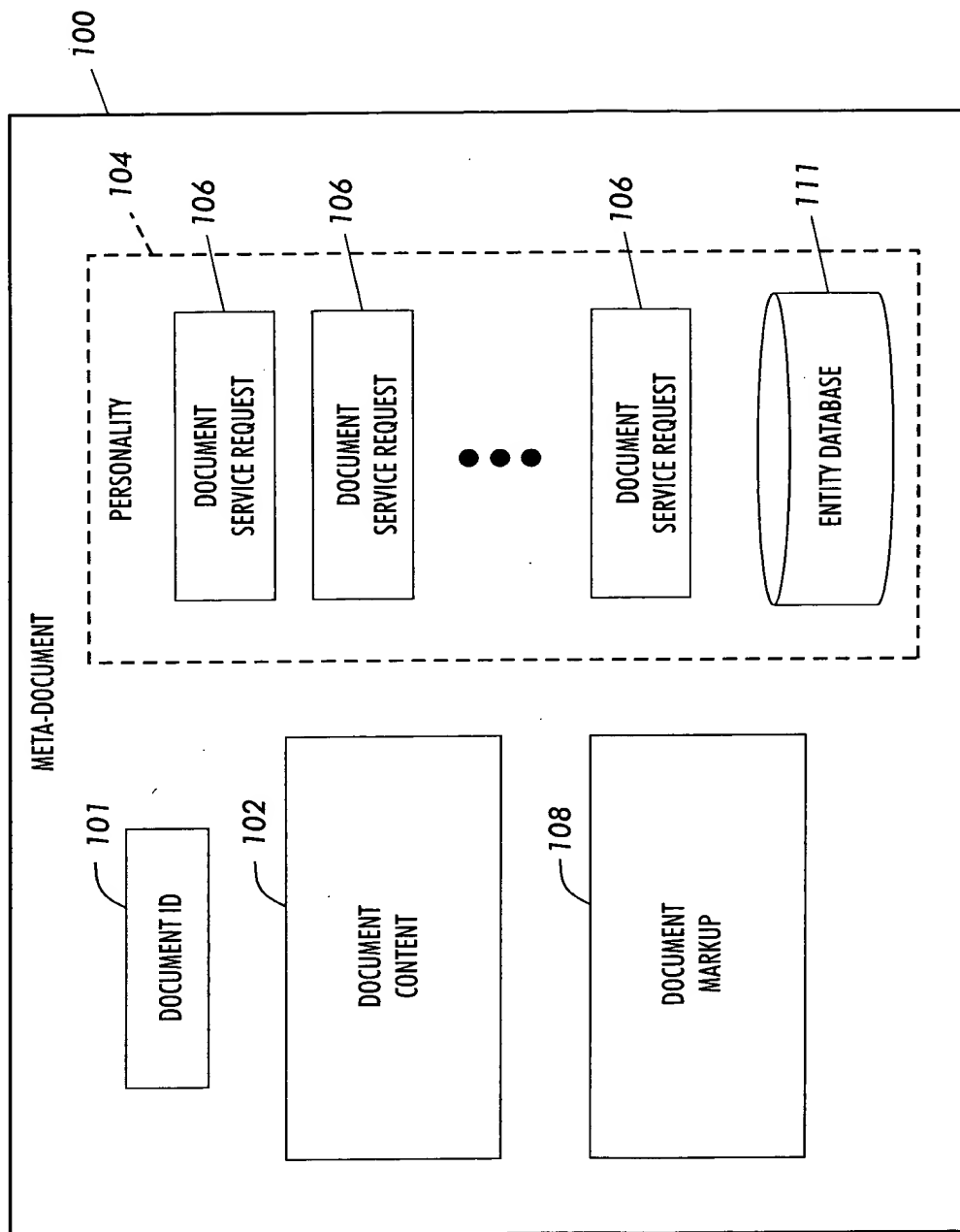


FIG. 1

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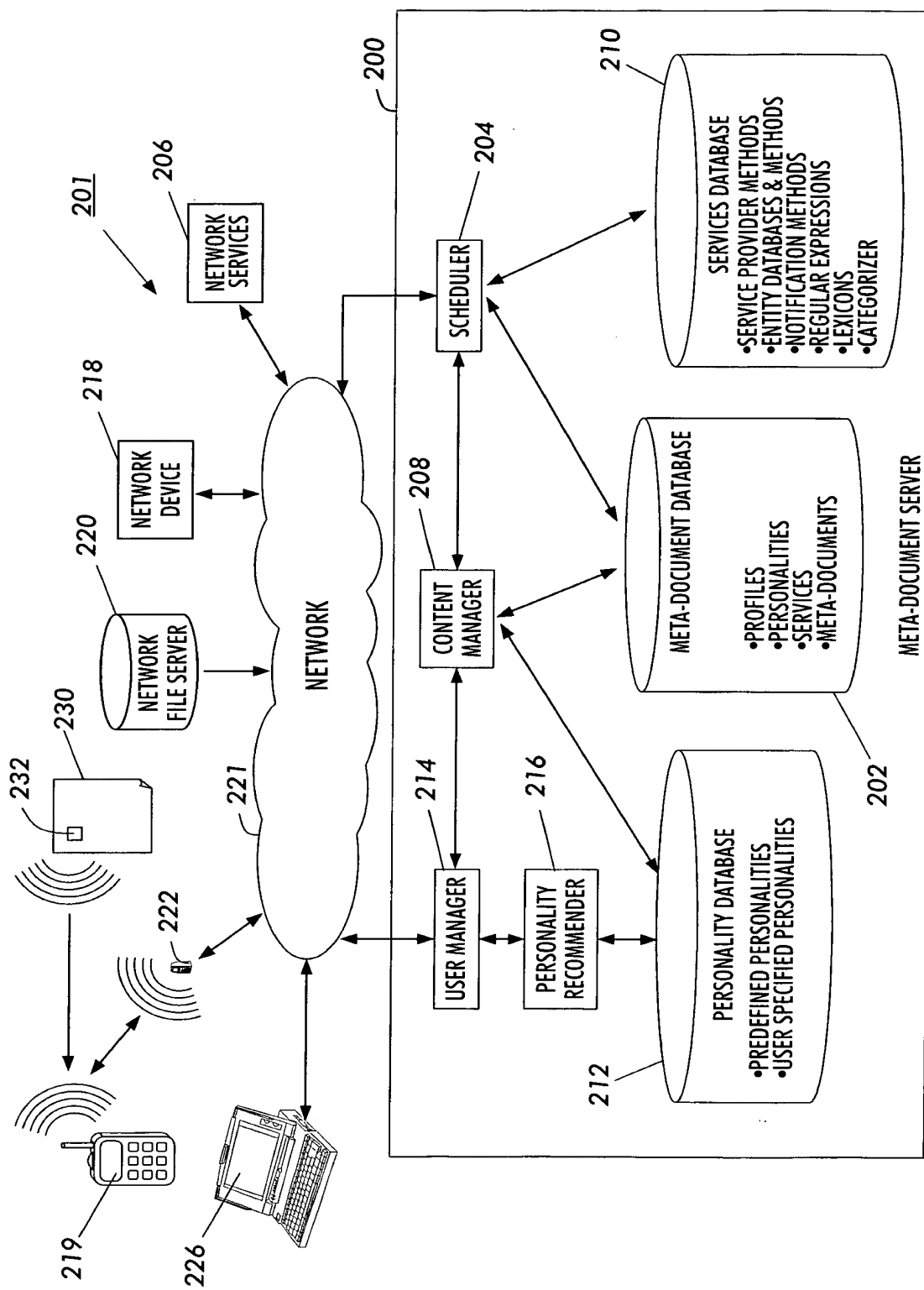


FIG. 2

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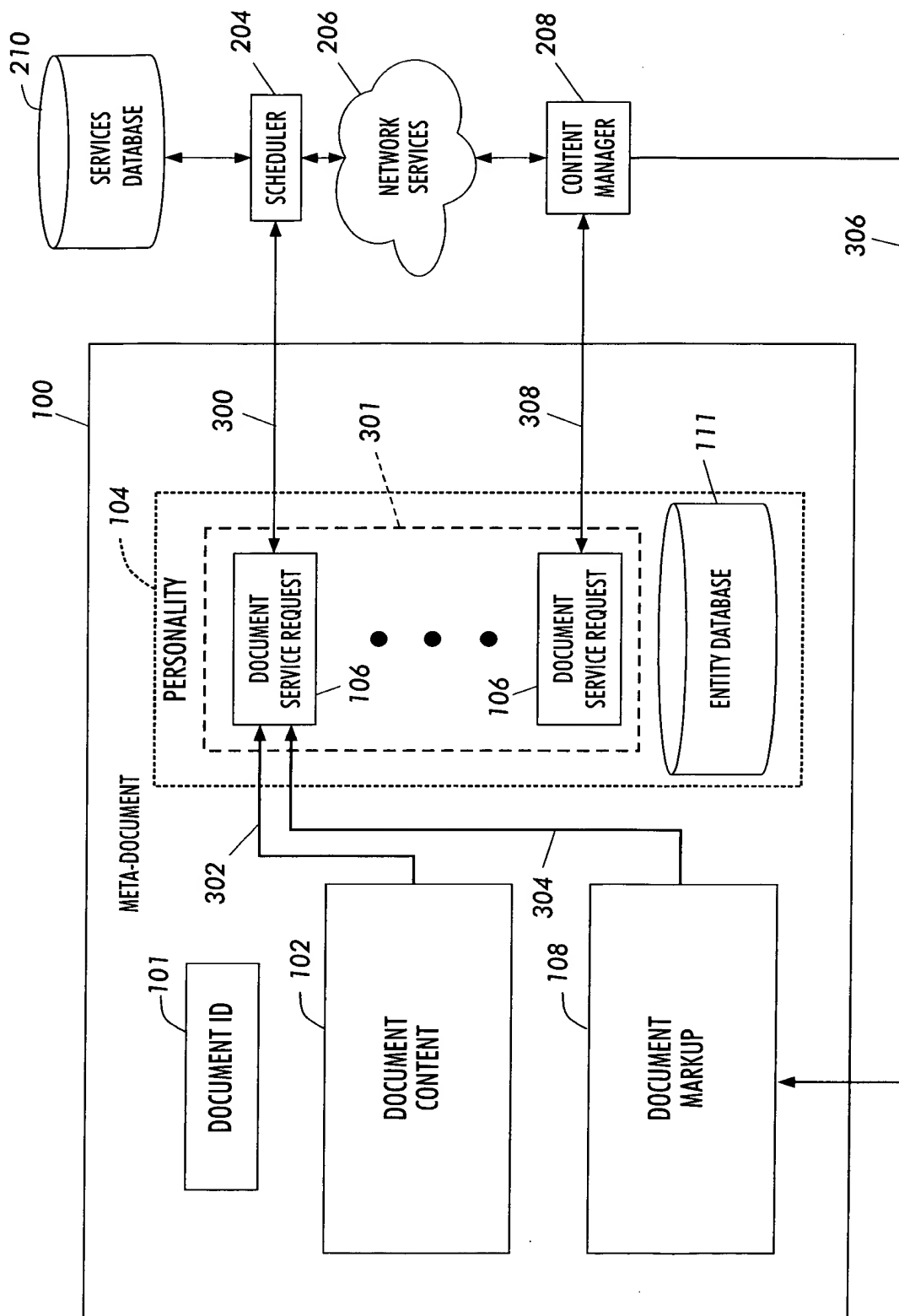


FIG. 3

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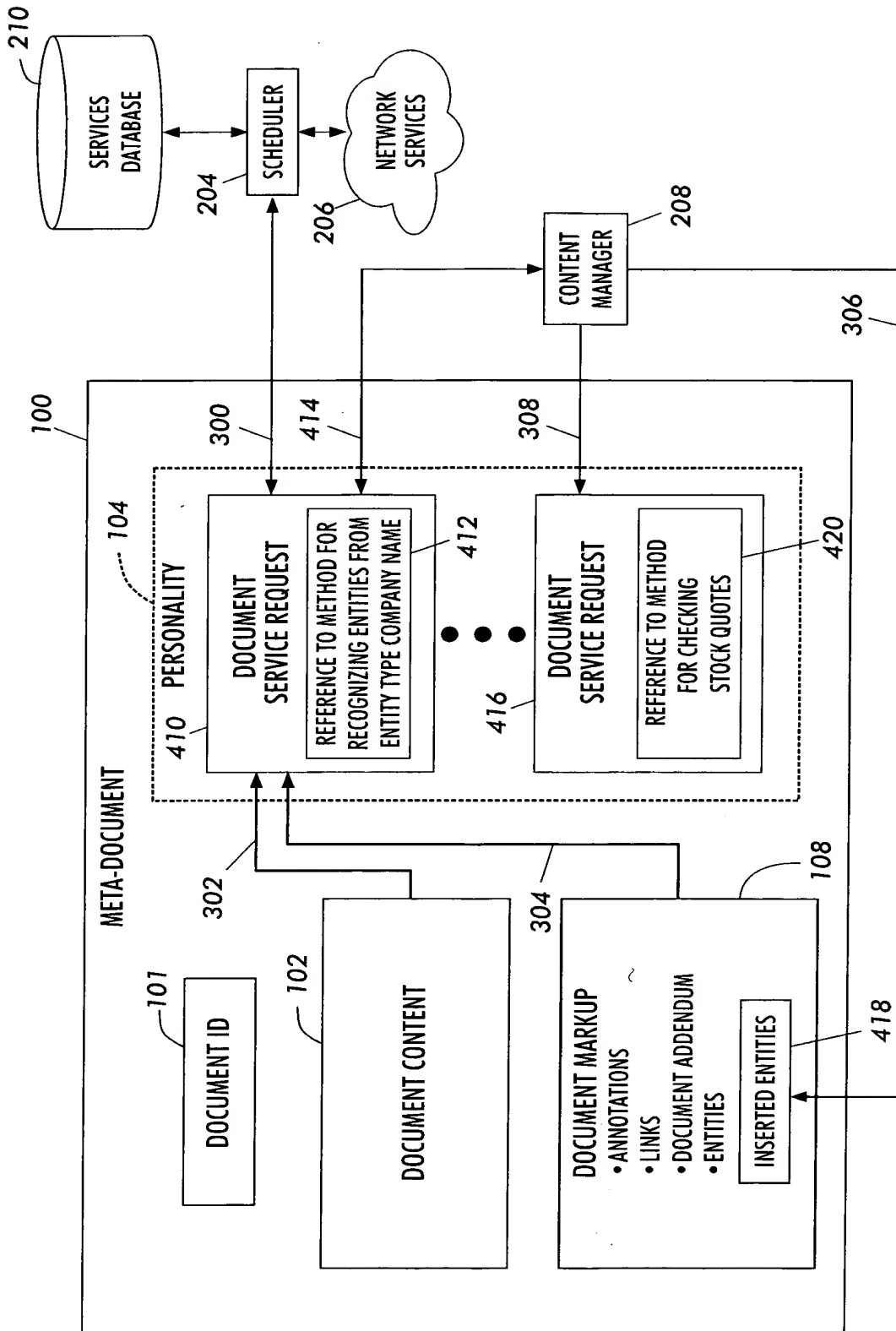


FIG. 4

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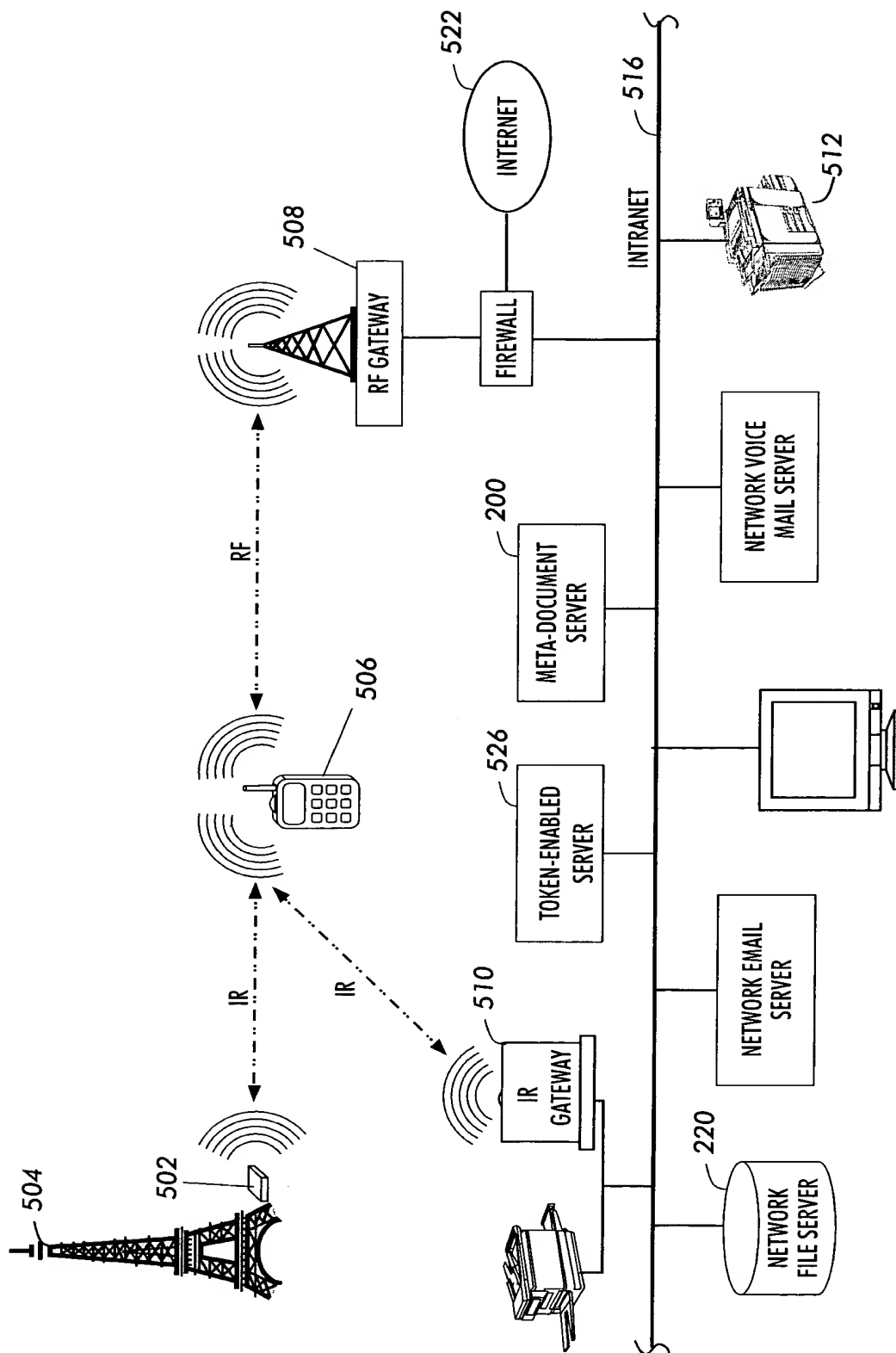


FIG. 5

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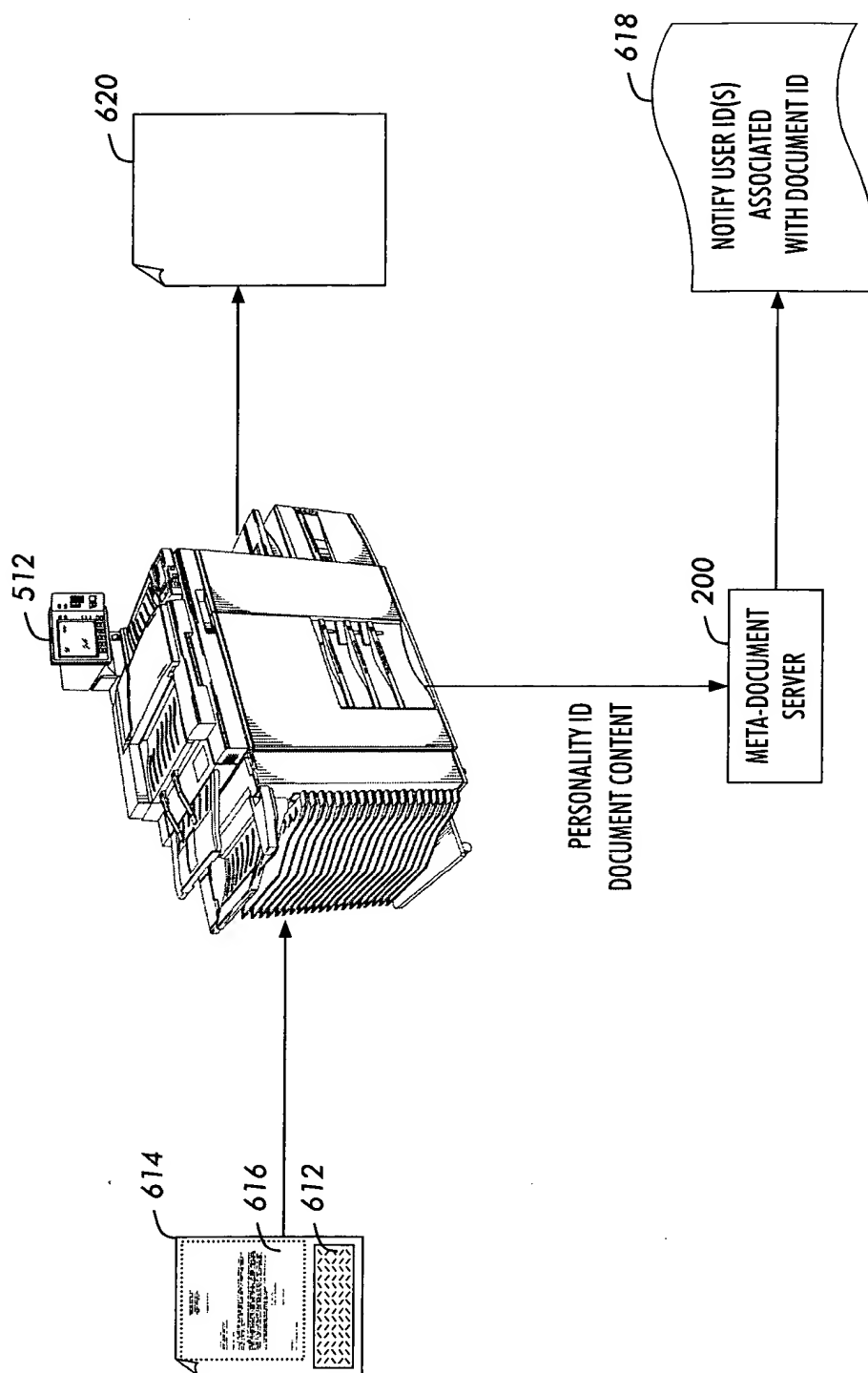


FIG. 6

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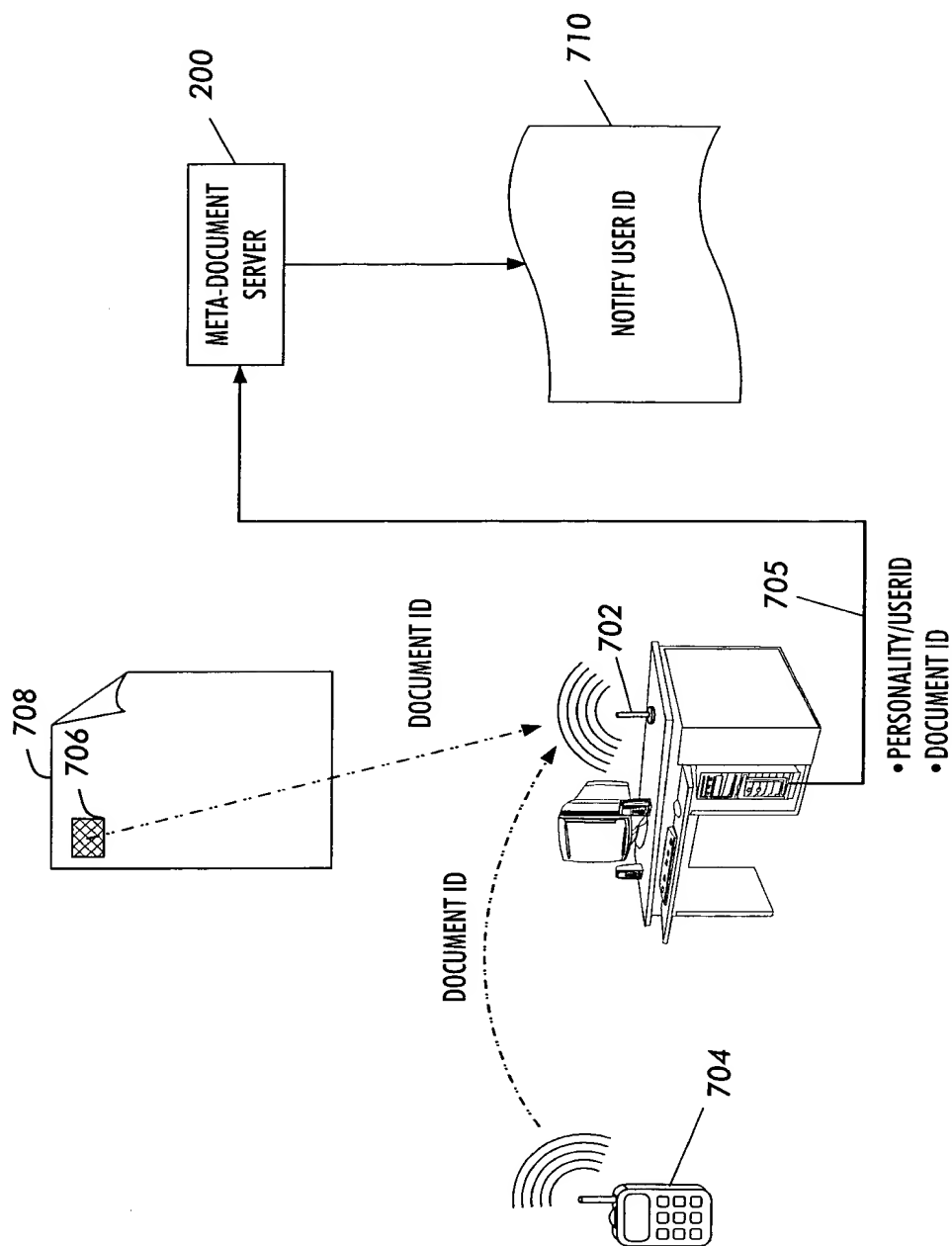


FIG. 7



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PRINT ? X

PRINTER

NAME: PROPERTIES

STATUS: IDLE 814

TYPE: XEROX 4517 POSTSCRIPT LEVEL 2

WHERE: TIMES.GRENOBLE.XRCE.XEROX.COM:PASSTHRU ☐ PRINT TO FILE

COMMENT: XEROX N2125 B&W DUPLEX - LE CHATEAU - 2ND FLOOR

PAGE RANGE

☒ ALL
☐ CURRENT PAGE ☐ SELECTION
☐ PAGES:

ENTER PAGE NUMBERS AND/OR PAGE RANGES
SEPERATED BY COMMAS. FOR EXAMPLE 1,3,5-12
804

COPIES

NUMBER OF COPIES: 806

☒ COLLATE

ENRICHMENT

☒ PERSONALITY: 808 ☐ SELECT A PERSONALITY FOR ME

APPLY ENRICHMENT TO:

☒ ALL
☐ CURRENT PAGE ☐ SELECTION
☐ PAGES:

INSERT ENRICHMENT AS:

☒ LINKS
☐ CONTENT OPTIONS...

PRINT WHAT: 802 **PAGES PER SHEET:** 810

PRINT: **SCALE TO PAPER SIZE:**

808 802 810

800 OPTIONS... OK CANCEL

FIG. 8



9/69

PRINT DOCUMENT PROPERTIES

LAYOUT PAPER/QUALITY **ENRICHMENT**

902 ☒ PERSONALITY: BUSINESS ☐ SELECT PERSONALITY FOR ME **900**

PROVIDE ENRICHMENT BY:

☒ PRINTING WITH DOCUMENT

☐ STORING AT SERVER

INSERT ENRICHMENT AS:

☒ LINKS

☐ CONTENT

WHEN STORING ENRICHMENT AT SERVER:

☒ EMAIL ME WHEN COMPLETED

ADDRESS:

☐ DO NOT NOTIFY ME

CAPTURE POINT: **908**

☒ AT WORKSTATION

☐ AT PRINT SERVER

904 **906** **901**

ADVANCED

OK CANCEL

FIG. 9

10/69

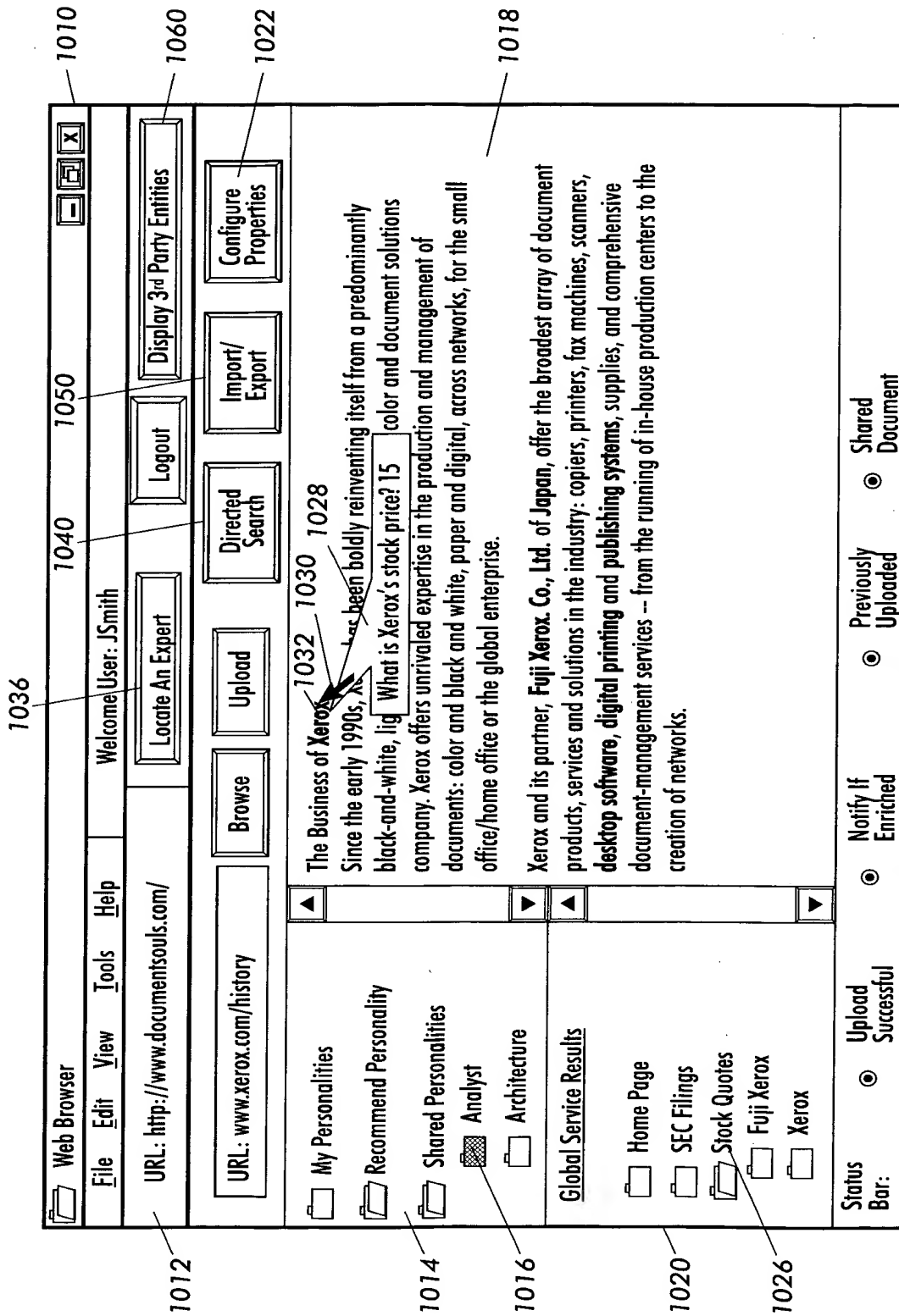


FIG. 10

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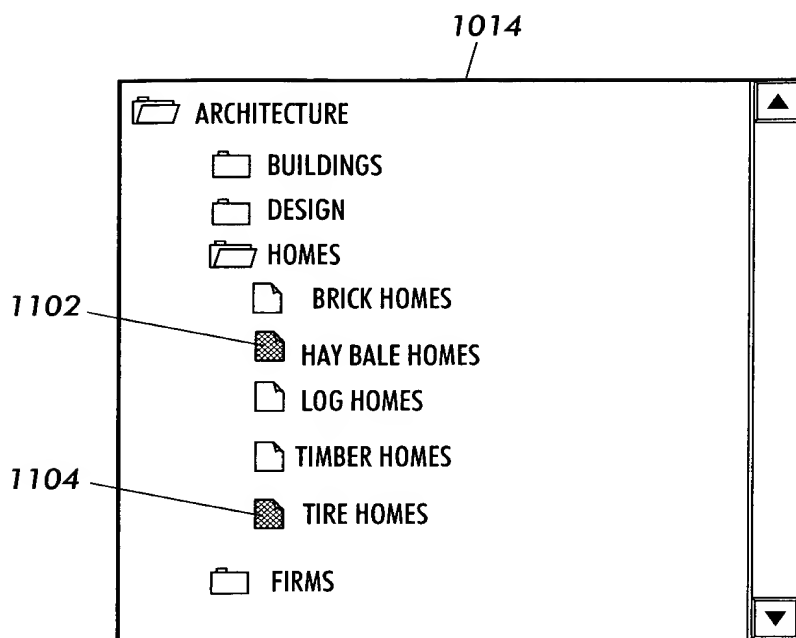


FIG. 11

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1210

1214

1212

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1222

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1206

1207

1240

1242

1216

PROPERTIES FOR USER JSMITH

LAYOUT SHARING PERSONALITIES

DEFAULT: ANALYST

RECOMMEND PERSONALITY FOR ME

PROPAGATE ENRICHMENT BETWEEN DOCUMENTS:

NO YES

INSERT ENRICHMENT AS:

LINKS

CONTENT

AUTOMATICALLY DETERMINE TO LINK OR INSERT CONTENT

WHEN DOCUMENT ENRICHED NOTIFY ME BY:

VOICE MESSAGE

EMAIL

SMS TEXT MESSAGE

AUTOMATICALLY COMPLETE CITATIONS:

NO

YES, DEPTH: 4

ORGANIZE MY PERSONALITIES

CREATE/MODIFY MY PERSONALITIES

OK CANCEL

FIG. 12

13/69

CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES

LIST OF AVAILABLE PERSONALITIES

Name	Creation Date
Technology Watch in Computer Sciences	2001-03-16 14:08:06
Watch Business	2001-03-16 14:08:08
Watch Legal	2001-03-16 14:08:10
Watch Intellectual Property	2001-03-16 14:08:10
Scientific Watch in Medicine	2001-03-16 14:08:10

LIST OF ALL WATCH BUSINESS SERVICES

those Services are classified by Service Categories, a ticked checkbox meaning that the according service is attached to the selected personality.

Click on this icon to view all available service categories

Search Engine

• luckygoogle People Google Lucky Result

Stock Quotes

• bloomberg Stock Quotes

OK

CANCEL

FIG. 13

14/69

1318140014261412141414301442144014441450

SEARCH ENGINE ☐
1432

SEL	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH
<input checked="" type="checkbox"/>	COMPUTING	COMPUTING	ALWAYS	0	YAHOO	FREE	LINK	DAILY
<input type="checkbox"/>	BIOLOGY	BIOLOGY	ALWAYS	0	GOOGLELUCKY	NULL	LINK	NEVER
<input type="checkbox"/>	MEDICINE	MEDICINE	ALWAYS	0	ALTAVISTA	FEE	LINK	AUTO
<input type="checkbox"/>	APPLY PAIRS OF ENTITIES AND IDENTIFY 3RD PARTY ENTITIES	COMPANIES	EXPERT	0	GOOGLELUCKY	NULL	CONTENT	NULL
<input type="checkbox"/>	APPLY PAIRS OF ENTITIES USING GOOGLELUCKY	PRODUCTS	ALWAYS	2	NORTHERNLIGHTS	NULL	LINK	WEEKLY
<input type="checkbox"/>	COUNTRIES	COUNTRIES	NOVICE	0	GOOGLELUCKY	FEE	CONTENT	UNTIL 2003
<input type="checkbox"/>	ASTRONOMY	ASTRONOMY	ALWAYS	1	GOOGLE	NULL	LINK	MONTHLY
<input checked="" type="checkbox"/>	PEOPLE	PEOPLE	ALWAYS	3	GOOGLE.PEOPLE	NULL	LINK	NULL

1404142214201408

VIEW HIERARCHY
SET DEPTH

FIG. 14

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1502

The screenshot shows a software window titled "CREATE/MODIFY MY PERSONALITIES" with a standard Windows-style title bar containing a folder icon, the title, and help/close buttons. The window contains the following elements:

- A "NAME:" label followed by a "BROWSE" button and a text input field (labeled 1504).
- A vertical list of four radio buttons, each followed by a rectangular box:
 - The first radio button (selected) is followed by the text "CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES" (labeled 1506).
 - The second radio button is followed by the text "USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY" (labeled 1508). Below this text is a "BROWSE" button and a text input field (labeled 1509).
 - The third radio button is followed by the text "USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY" (labeled 1510). Below this text is a "BROWSE" button and a text input field.
 - The fourth radio button is followed by the text "CREATE QUESTION FORM USING PERSONALITY LEXICONS" (labeled 1520). Below this text is a "QUESTION:" label and a text input field.
- A "Hint:" label followed by a text input field (labeled 1514).
- A "KNOWLEDGE LEVEL:" label followed by two radio buttons: "NOVICE" (selected) and "EXPERT" (labeled 1516).
- At the bottom right, there are "OK" and "CANCEL" buttons (labeled 1512).

FIG. 15

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1600

The screenshot shows a software window with a title bar that reads "CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES". Inside the window, the text "NAME: TECHNOLOGY WATCH IN ORGANIC CHEMISTRY" is displayed. Below this, the label "OPERATION:" is followed by two radio button options: "MERGE" (which is selected) and "SUBTRACT". To the right of these options are reference numerals "1602" and "1604" respectively, with lines pointing to the "MERGE" and "SUBTRACT" text. Below the operation options is a dropdown menu currently showing "PERSONALITY A". Underneath this is the label "WITH/FROM", followed by another dropdown menu currently showing "PERSONALITY B". At the bottom right of the window are two buttons labeled "OK" and "CANCEL".

FIG. 16

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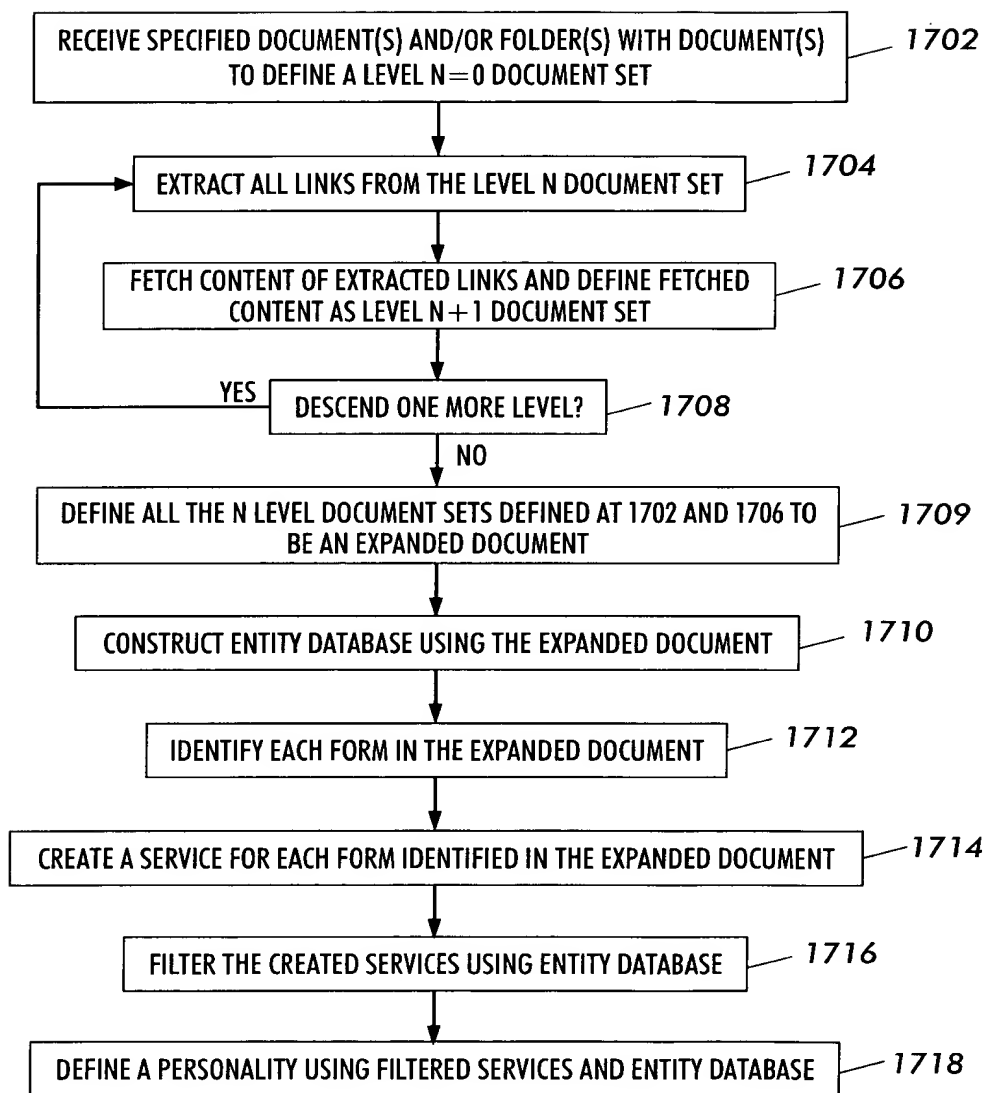


FIG. 17

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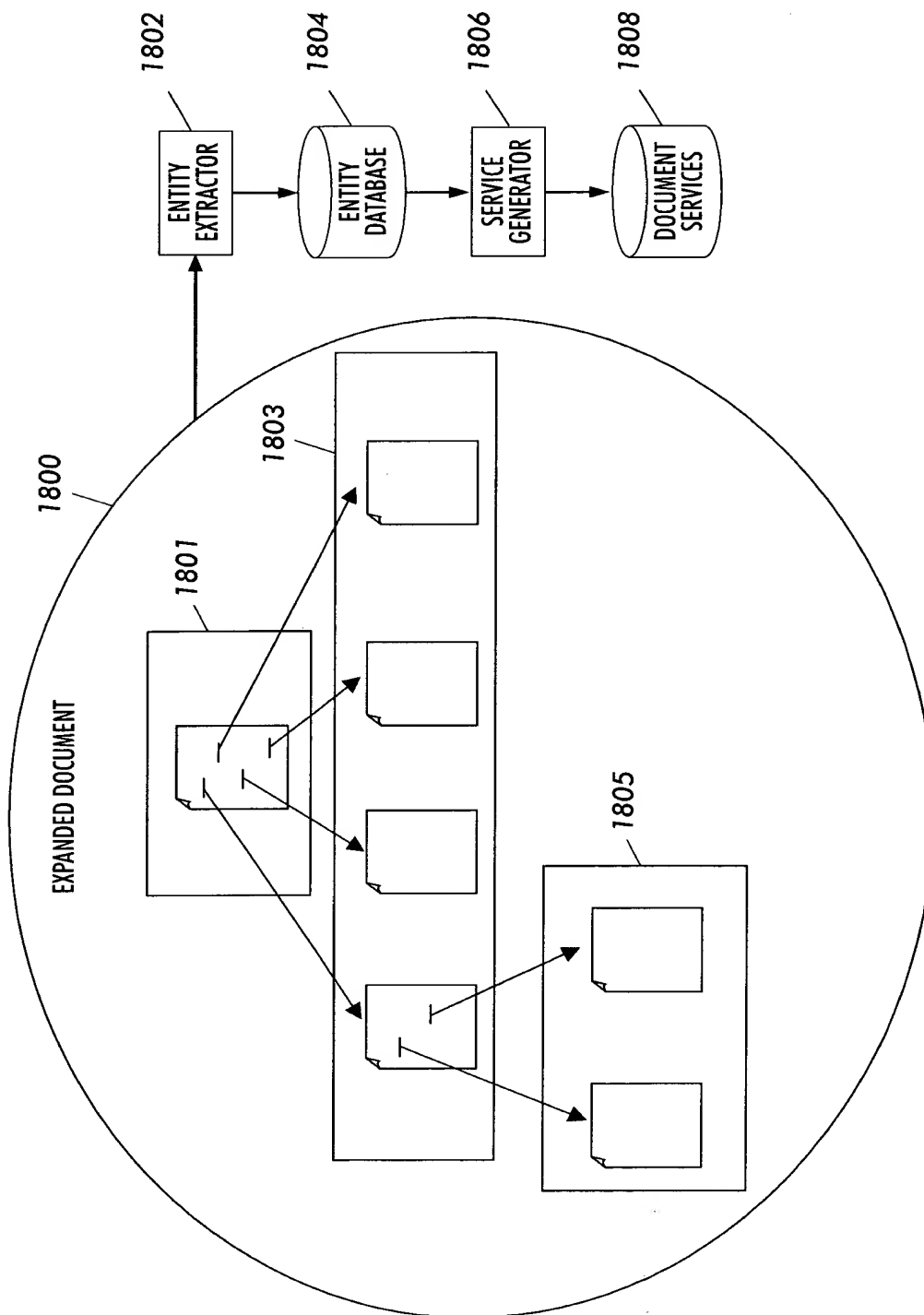


FIG. 18

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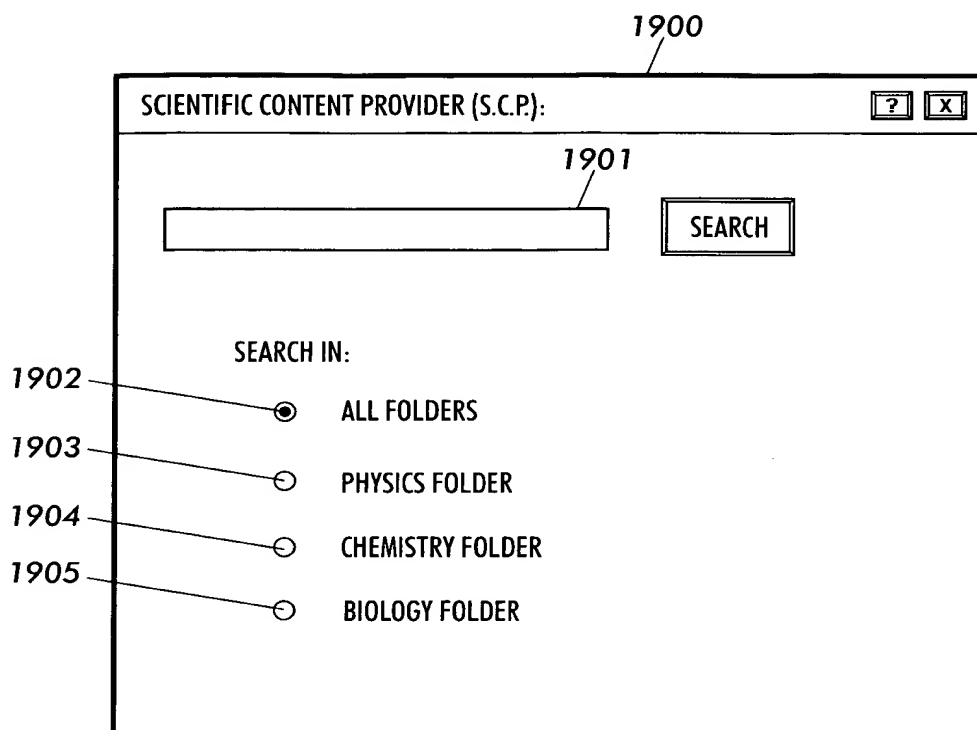


FIG. 19

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SCIENTIFIC SEARCH <input type="checkbox"/> <input type="checkbox"/>									
SEL	NAME	ENTITY TYPE	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH	
<input checked="" type="checkbox"/>	ALL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER	STANDARD	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER	CHEMISTRY	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	
<input type="checkbox"/>	BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S. C. P.	FREE	CONTENT	NULL	

2004

2002

FIG. 20

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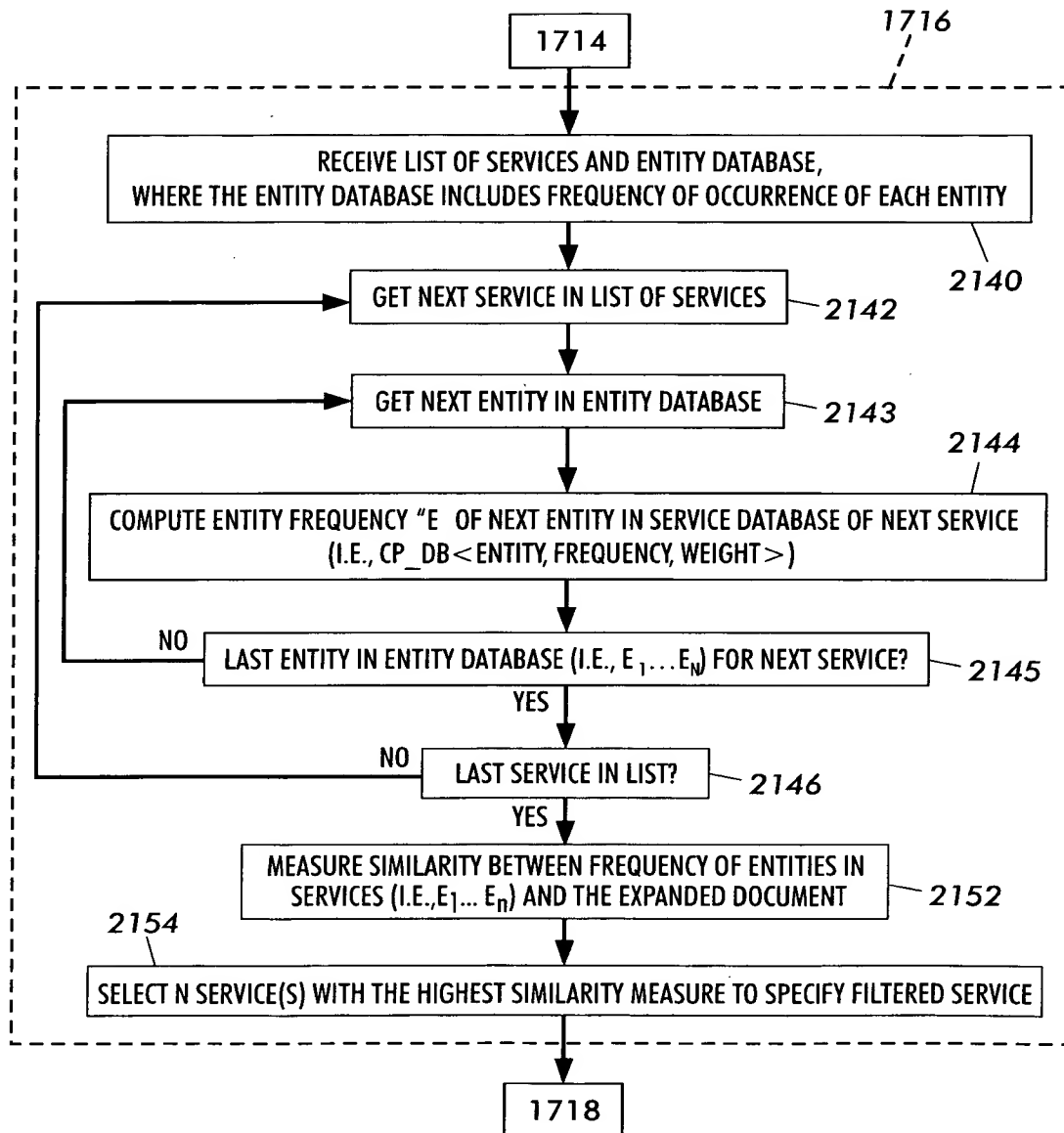


FIG. 21

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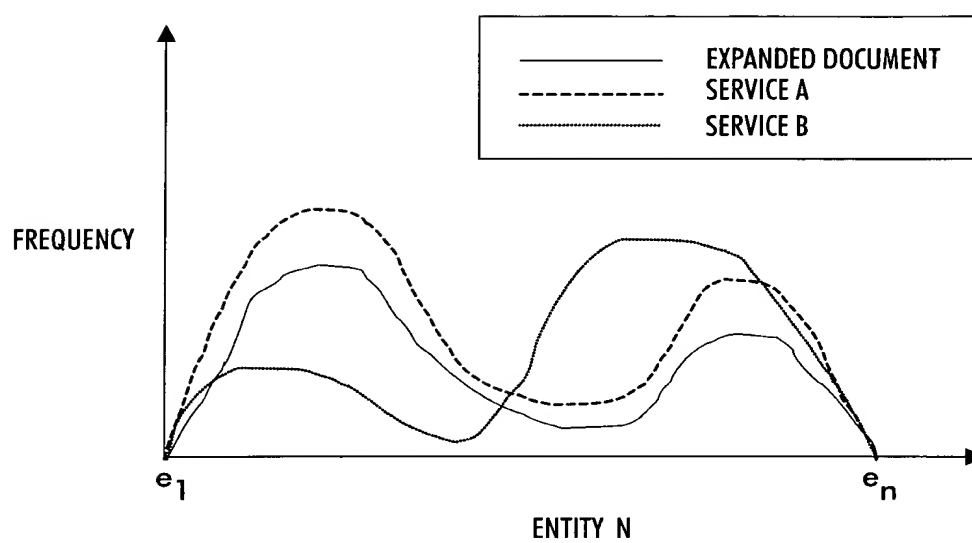


FIG. 22

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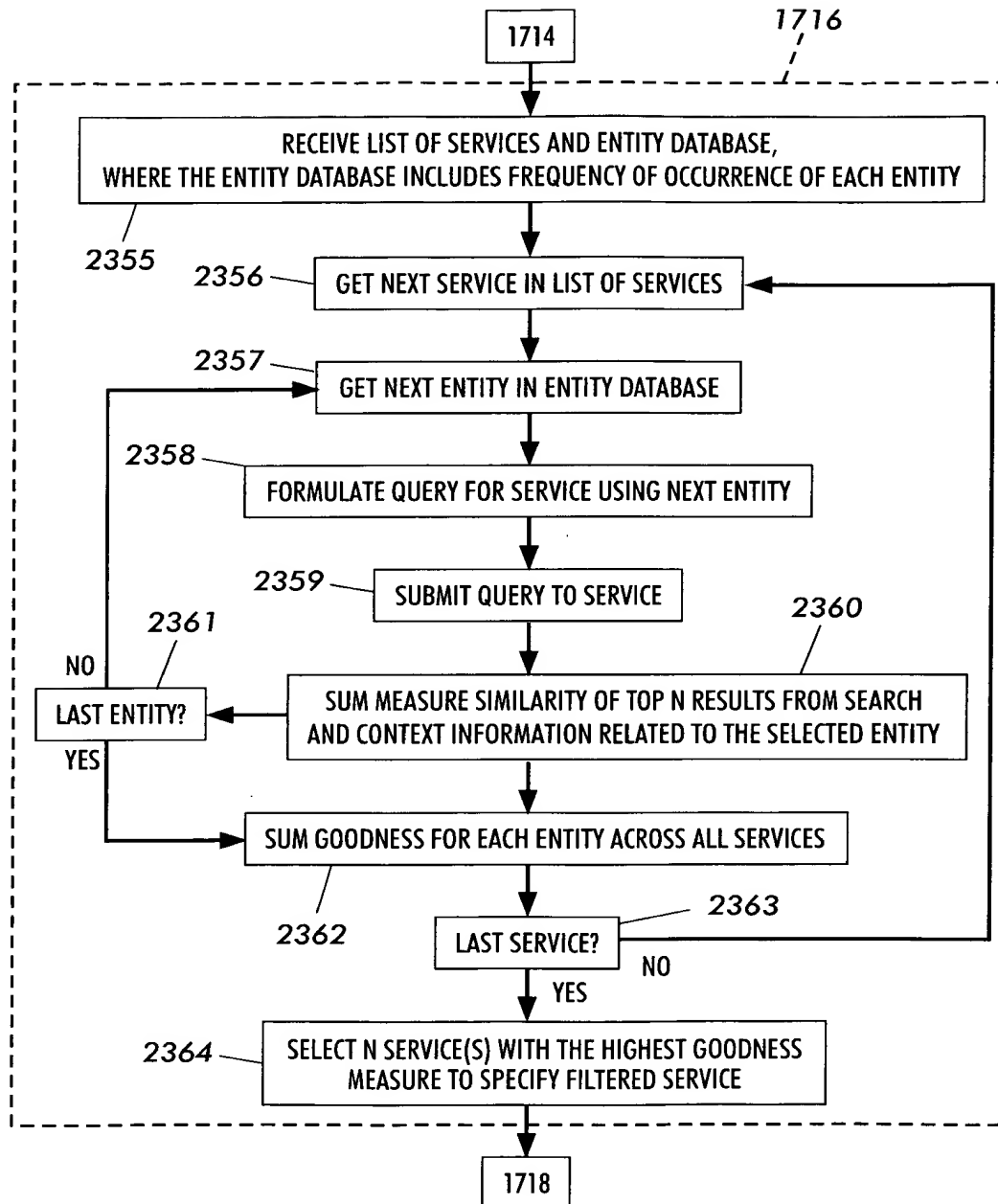


FIG. 23

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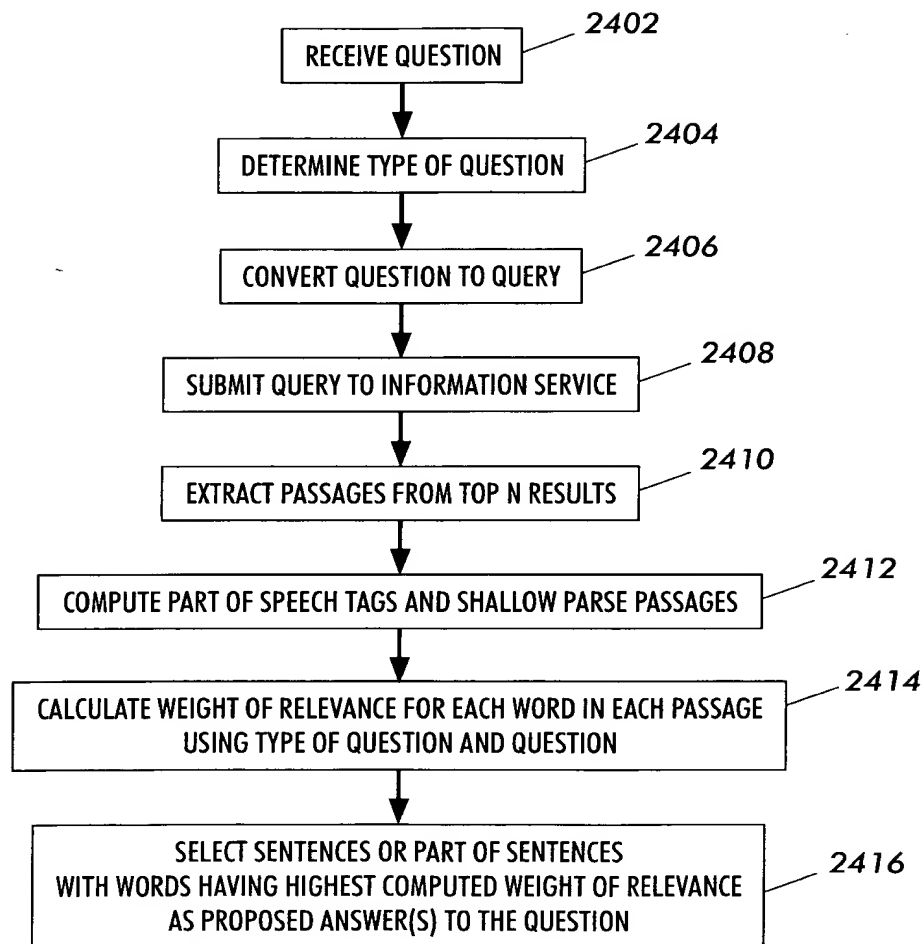


FIG. 24

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2502

E-LEARNING SERVICES ASSOCIATED WITH E-LEARNING PERSONALITY	
SEL	
<input checked="" type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A TUTORIAL CONCERNING EACH TEXT UNIT
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN EXPERT CONCERNING IDENTIFIED SUBJECTS
<input type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO AN INTERACTIVE COURSE ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED SUBJECTS
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LEARNING RESOURCES CONCERNING EACH TEXT UNITS

2504

2506

2508

2510

2512

2514

2516

FIG. 25

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LANGUAGE LEARNING SERVICES ASSOCIATED WITH LANGUAGE LEARNING PERSONALITY	
SEL	
<input checked="" type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR DEFINITIONS
<input type="checkbox"/>	LINK WORDS OR MULTIWORD EXPRESSIONS FOUND IN THE DOCUMENT TO THEIR TRANSLATIONS
<input type="checkbox"/>	LINK EACH SENTENCE, OR PHRASE, TO A GRAMMATICAL DESCRIPTION OF THE STRUCTURE OF THE SENTENCE OR PHRASE
<input type="checkbox"/>	LINK EACH WORD, MULTIWORD EXPRESSION, PHRASE OR SENTENCE TO OTHER INSTANCES OF THE SAME IN DIFFERENT CONTEXTS FROM THE PRESENT
<input type="checkbox"/>	LINK EACH WORD, MULTIWORD EXPRESSION, PHRASE OR SENTENCE TO ONE OR MORE INTERACTIVE GRAMMAR EXERCISES CONCERNING THAT ELEMENT
<input checked="" type="checkbox"/>	LINK EACH TEXT UNIT (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) TO A LIST OF REAL WORLD CLASSES ABOUT IDENTIFIED LANGUAGE
<input checked="" type="checkbox"/>	LINK TEXT UNITS TO (I.E., DOCUMENT, PARAGRAPH, PHRASE, WORD) LANGUAGE LEARNING RESOURCES CONCERNING EACH TEXT UNITS

FIG. 26

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2710

STOCK QUOTE OPTIONS

2718 2720

PROPERTIES

UPDATE FREQUENCY: EVERYDAY ▼

INSERT INFORMATION AS:

2714 STATIC ▼ ○ LINK ● CONTENT AS FOOTNOTE ▼ ○ DETERMINE AUTOMATICALLY

2716 2724

2712

APPLY SERVICE BEHAVIOR TO

○ ALL DOCUMENTS

● CURRENT DOCUMENT

○ SELECTION ONLY

OK CANCEL

FIG. 27

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2800

ANNOTATE PROPERTY

ANNOTATE ENTITIES WHEN:

☐ ALWAYS

☒ EXPERT MODE:

☐ NOVICE MODE:

CHANGE REFERENCE

ANNOTATE ONLY THOSE ENTITIES THAT OCCUR WITH A FREQUENCY LESS THAN: 4 IN THE REFERENCE DOCUMENT(S) AND/OR DATABASE(S) AT WWW.XRCE.XEROX.COM/DB/EXPERT.

ANNOTATE ONLY THOSE ENTITIES THAT OCCUR WITH A FREQUENCY GREATER THAN: 20 IN THE REFERENCE DOCUMENT(S) AND/OR DATABASE(S) AT WWW.XRCE.XEROX.COM/DB/NOVICE.

AND

ANNOTATE ENTITY WHEN IT APPEARS IN DOCUMENT CONTENT WITH A FREQUENCY GREATER THAN: 4.

OK CANCEL

FIG. 28

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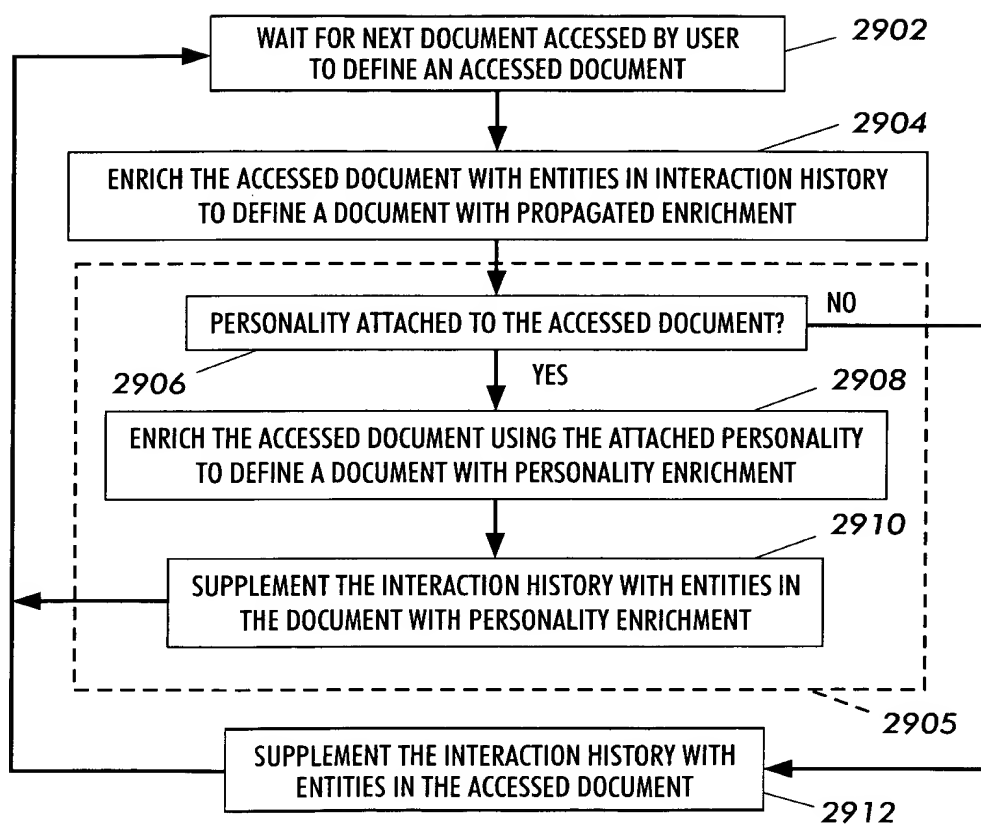


FIG. 29

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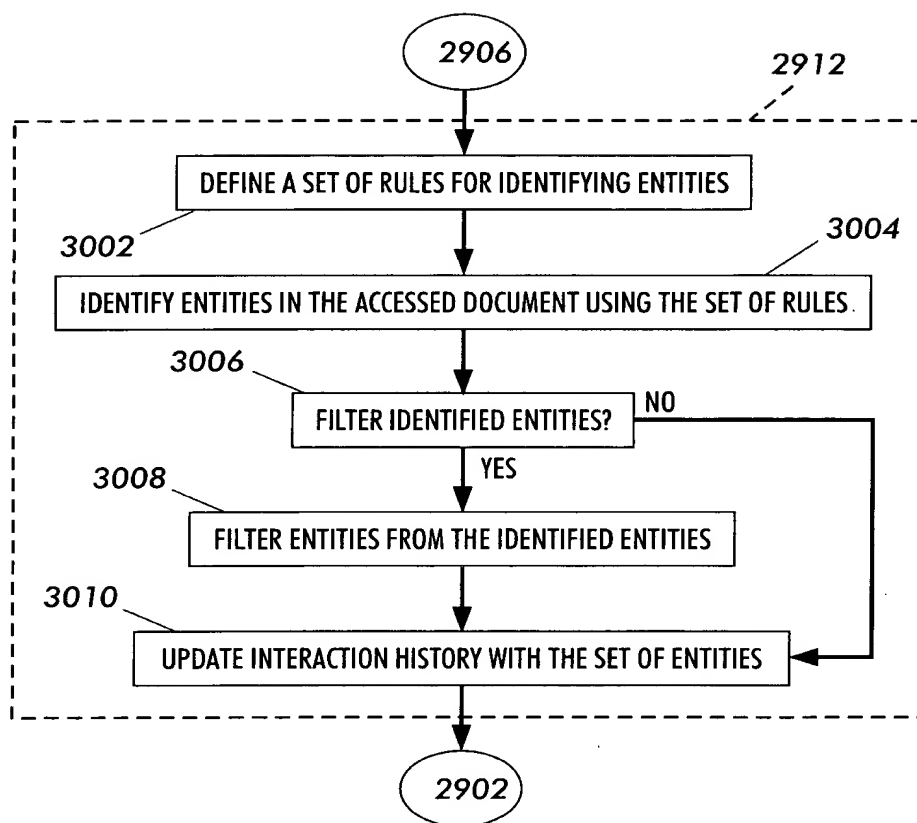


FIG. 30

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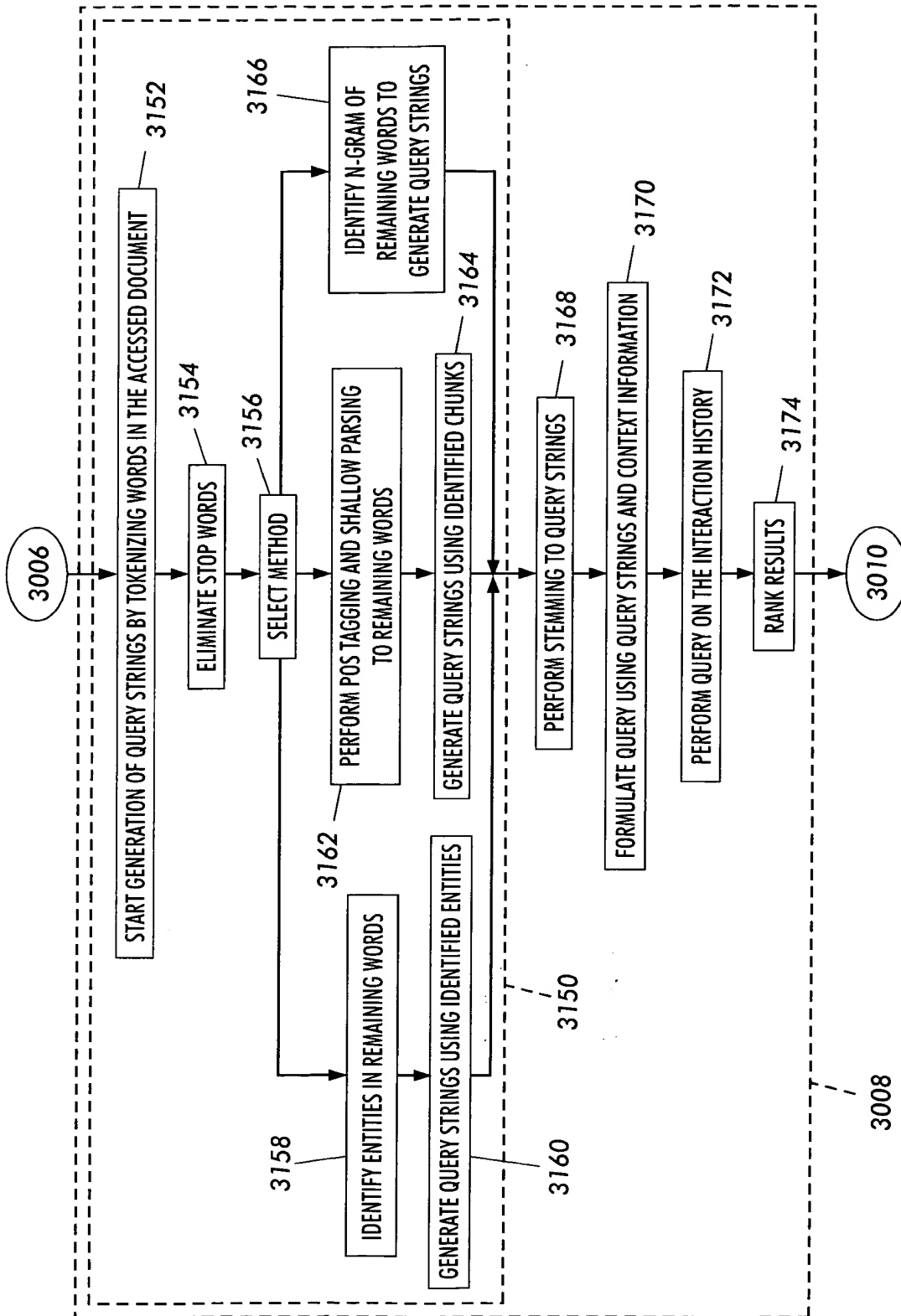


FIG. 31

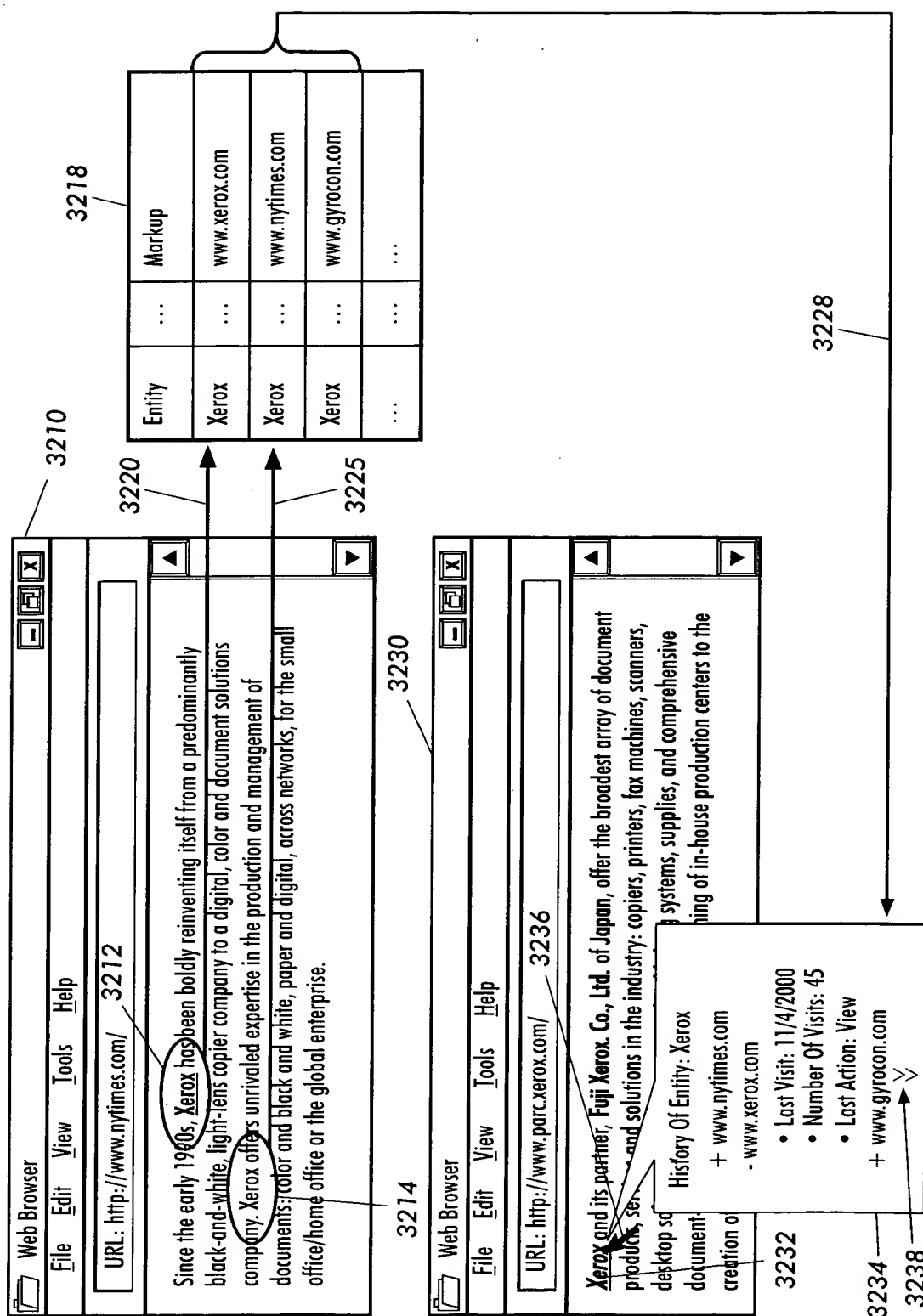


FIG. 32



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3218

ENTITY	ENTITY TYPE	VISITS	LAST VISIT	ACTION LIST	DMOZ CATEGORY	LOCATION	POS	MARKUP
XEROX	BUSINESS	45	11/4/2000	VIEW (43), PRINT(2)	BUSINESS	40	NOUN	WWW.XEROX.COM
XEROX	BUSINESS	1	5/1/2001	VIEW(1)	FINANCE	689	NOUN	WWW.NYTIMES.COM
XEROX	BUSINESS	4	2/22/2001	EMAIL(1), VIEW(3)	COMPUTER	343	NOUN	WWW.GYROCON.COM
...

FIG. 33

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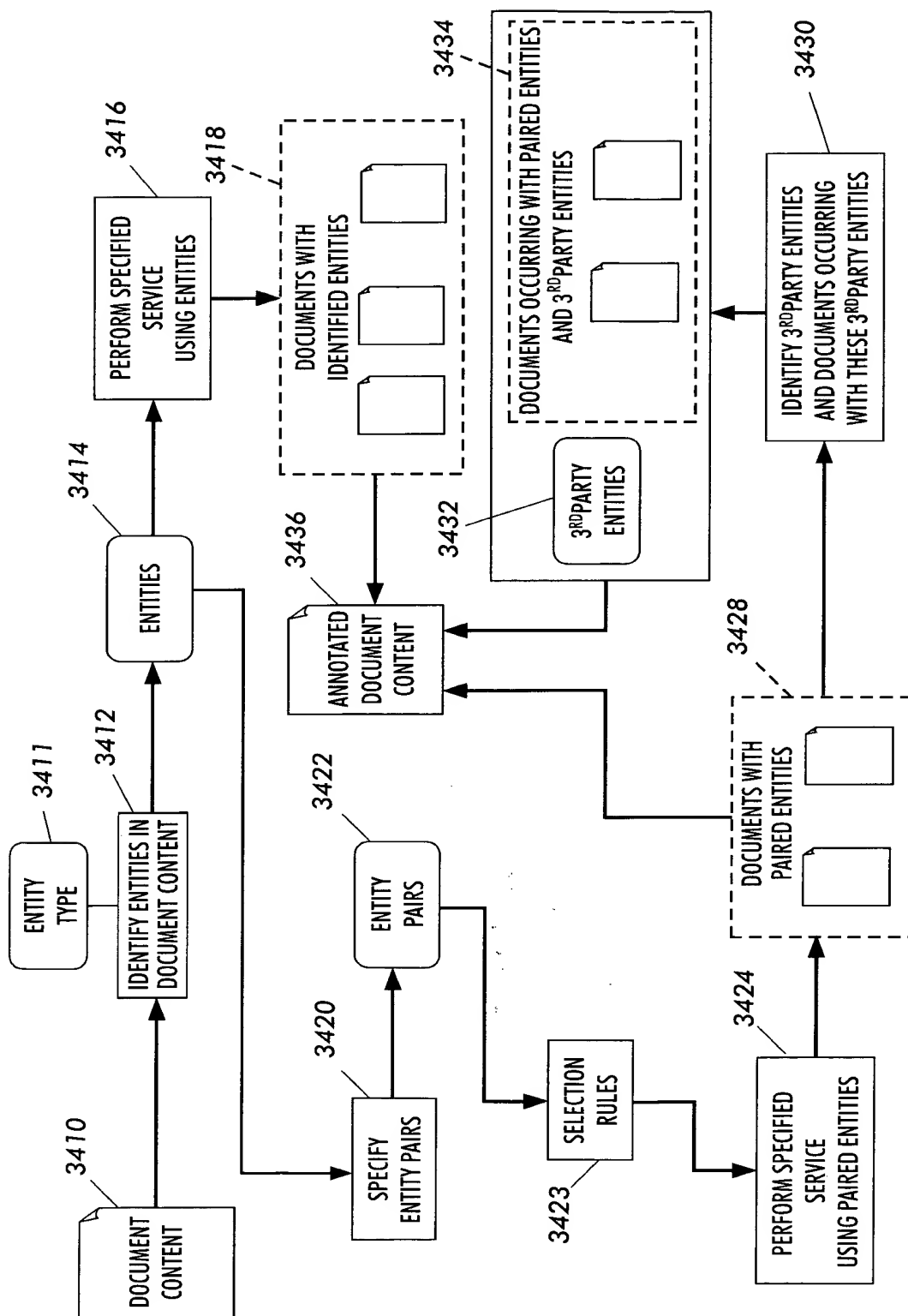


FIG. 34

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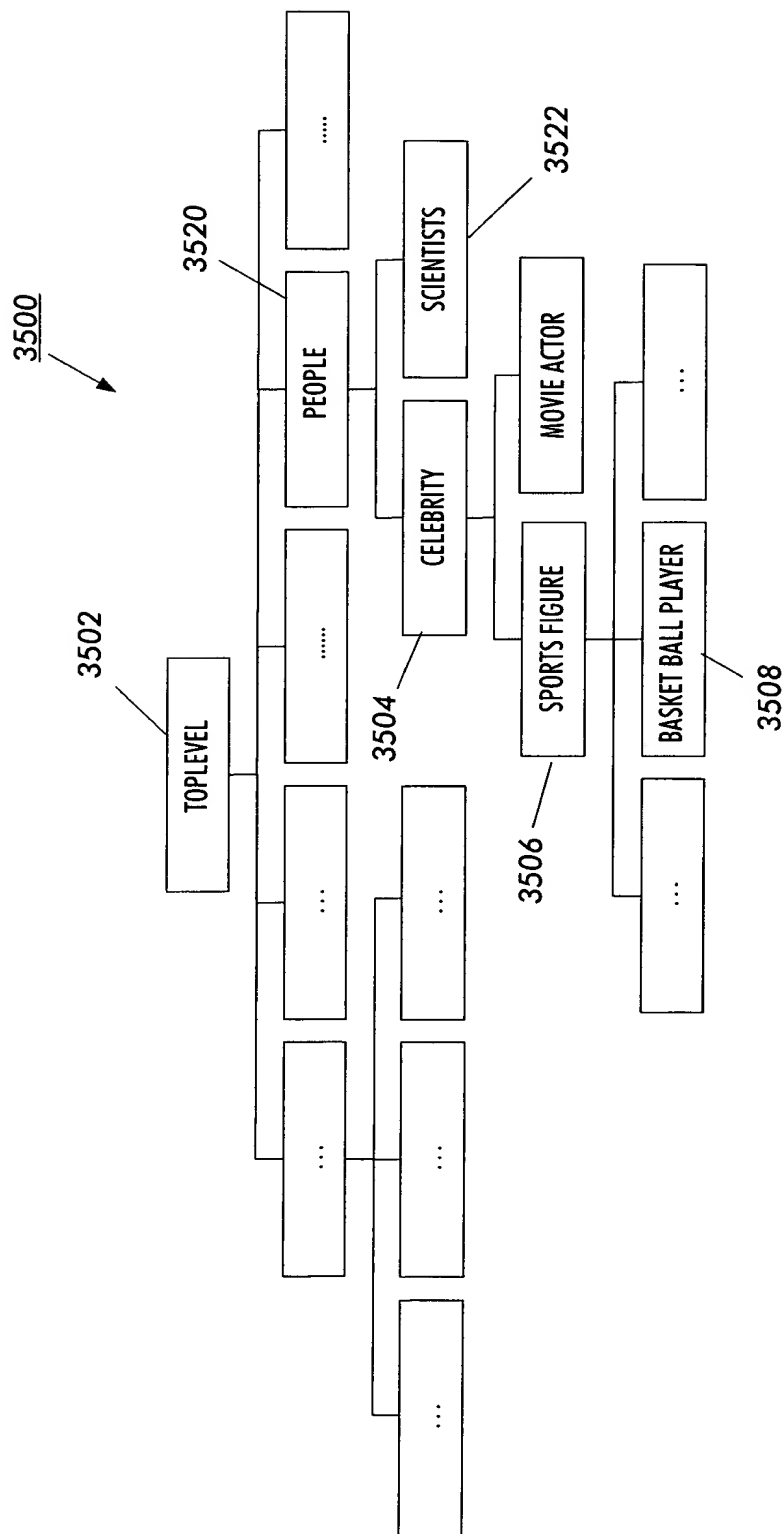


FIG. 35

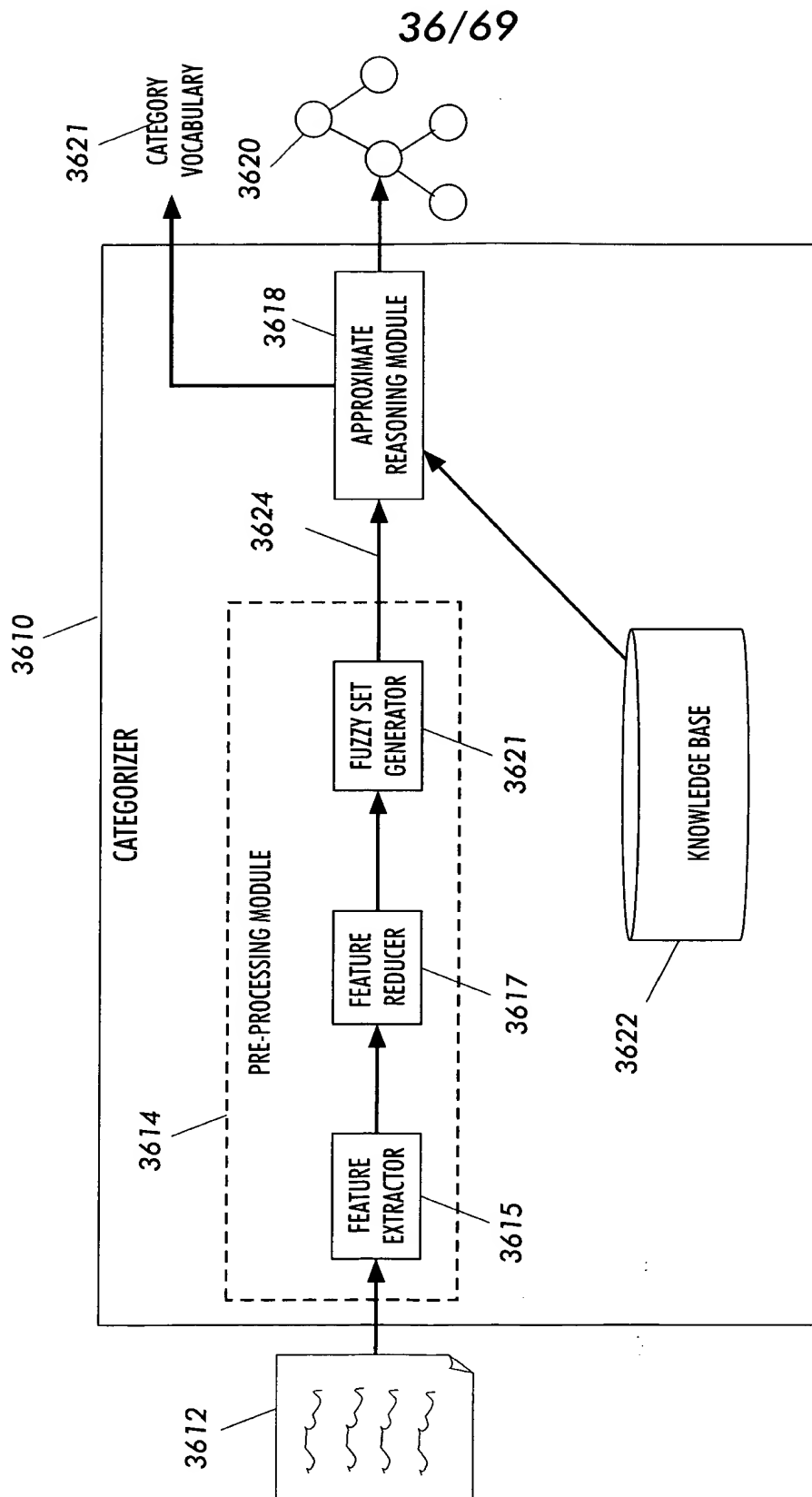


FIG. 36

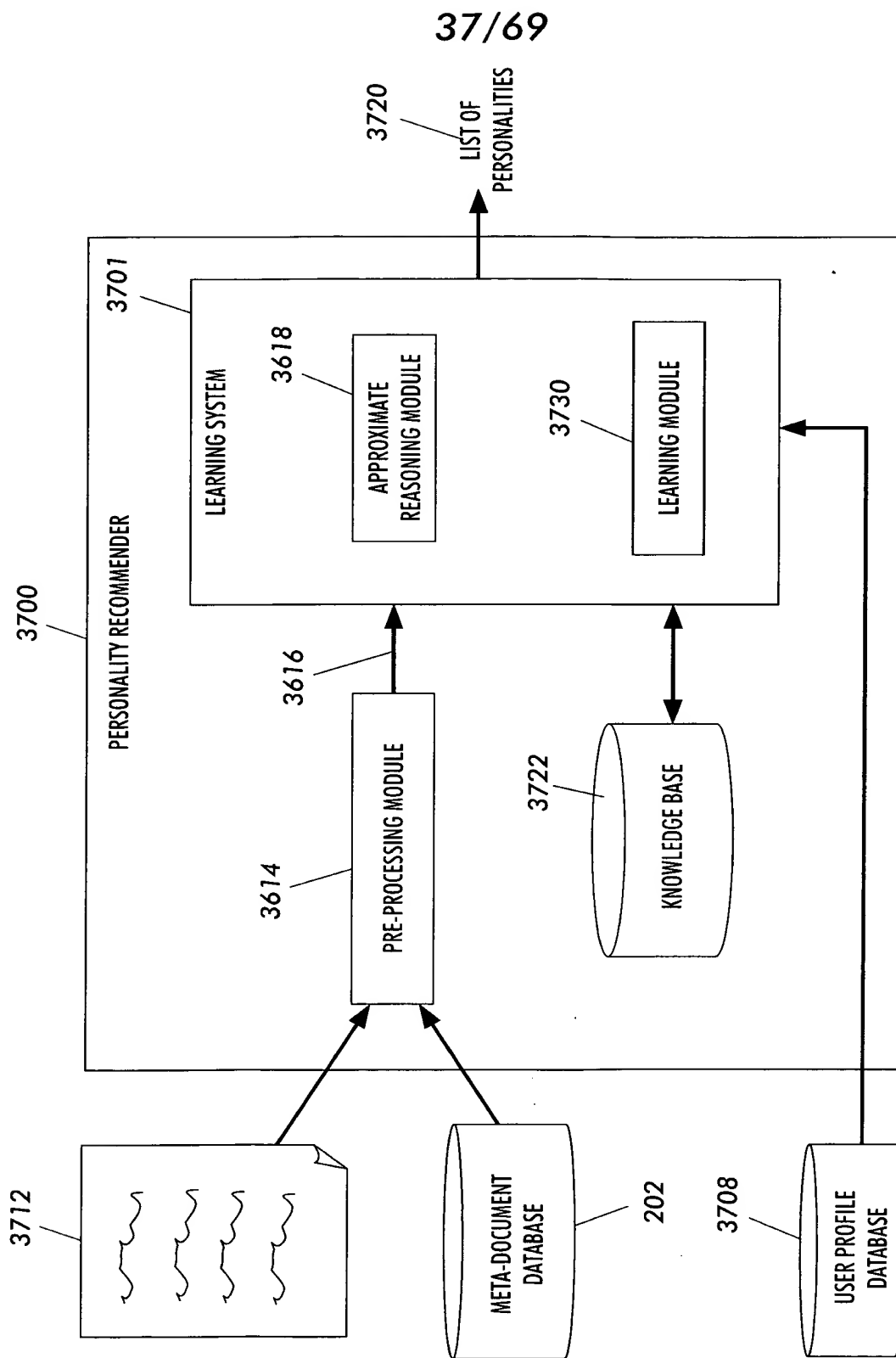


FIG. 37

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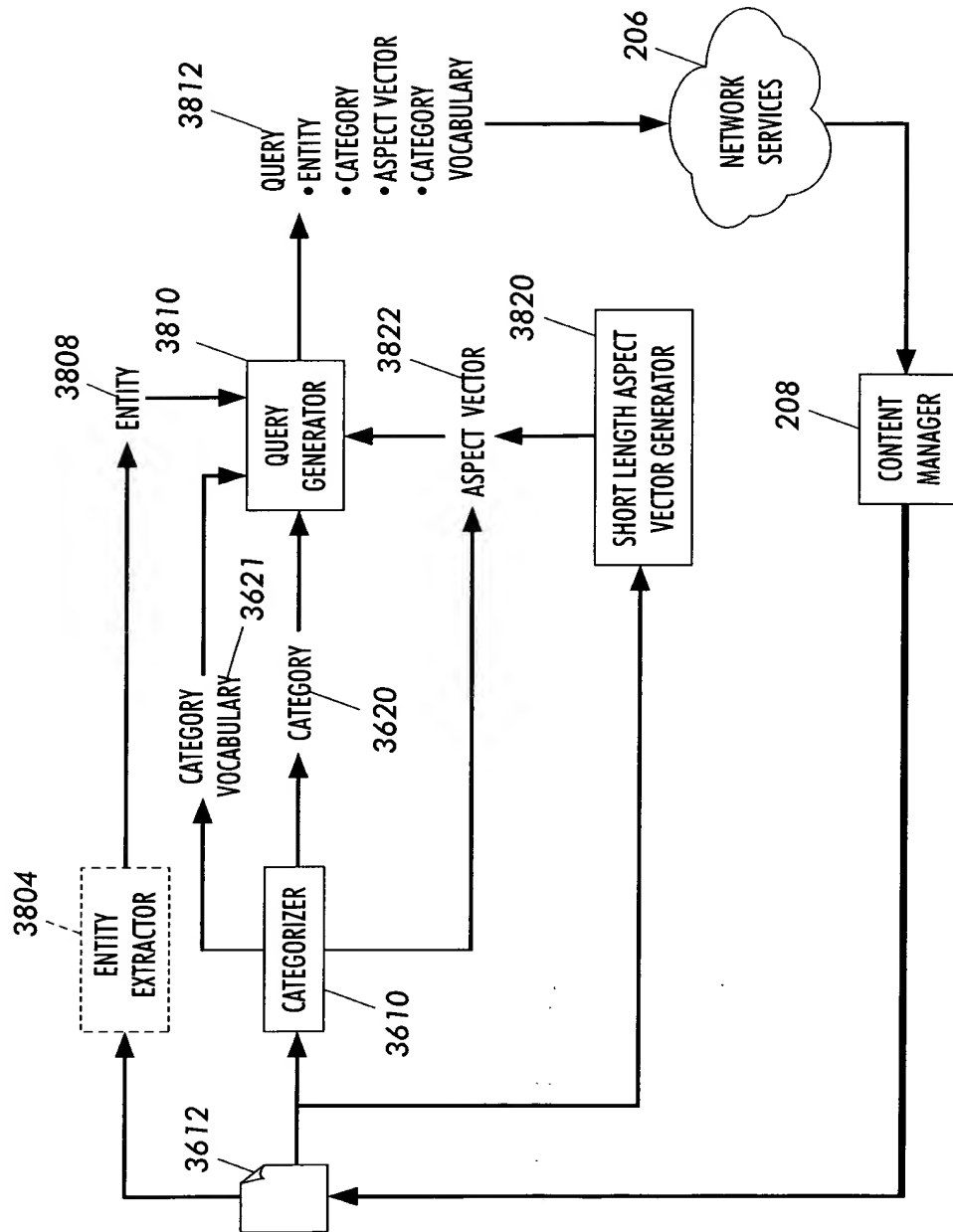


FIG. 38

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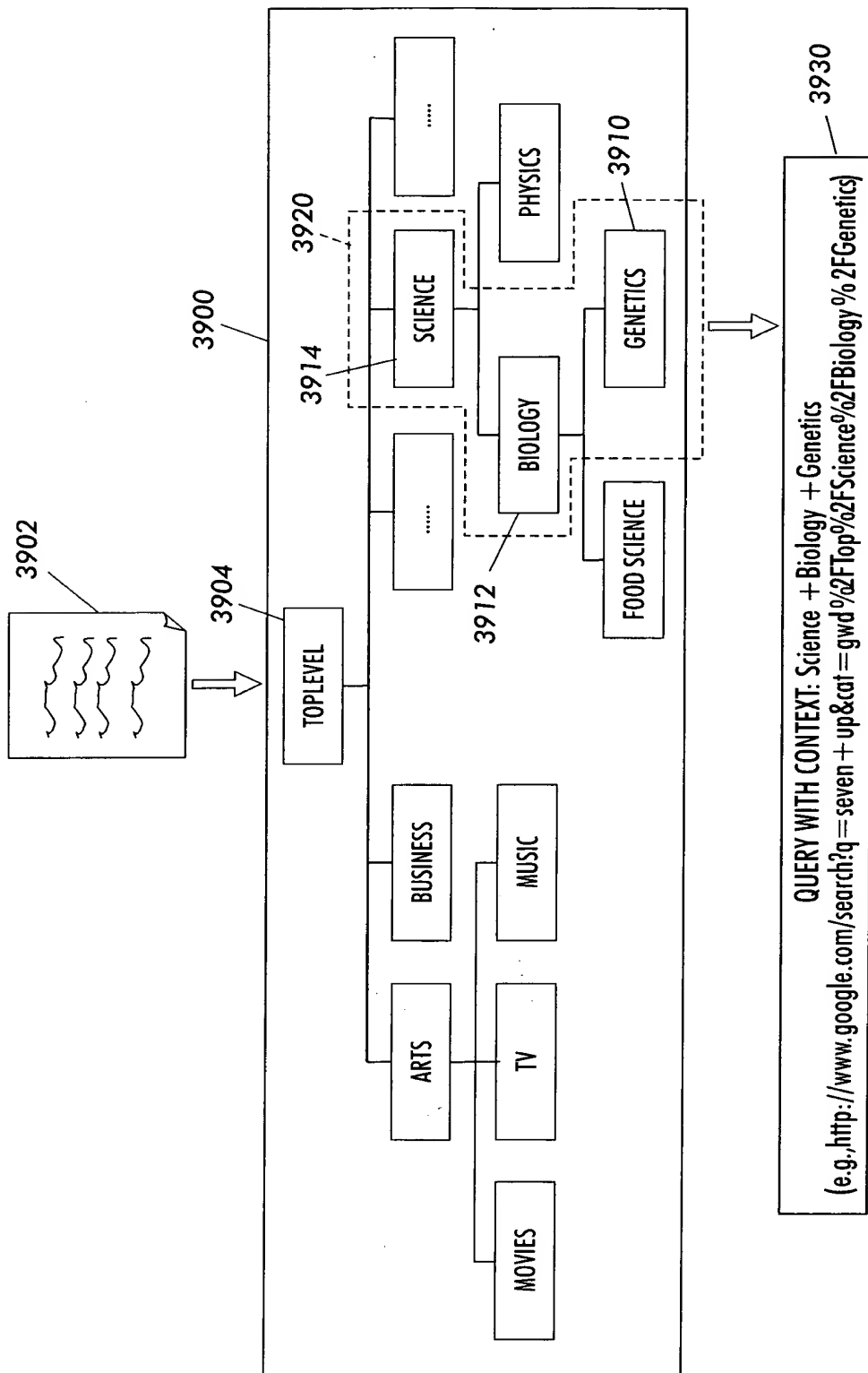


FIG. 39

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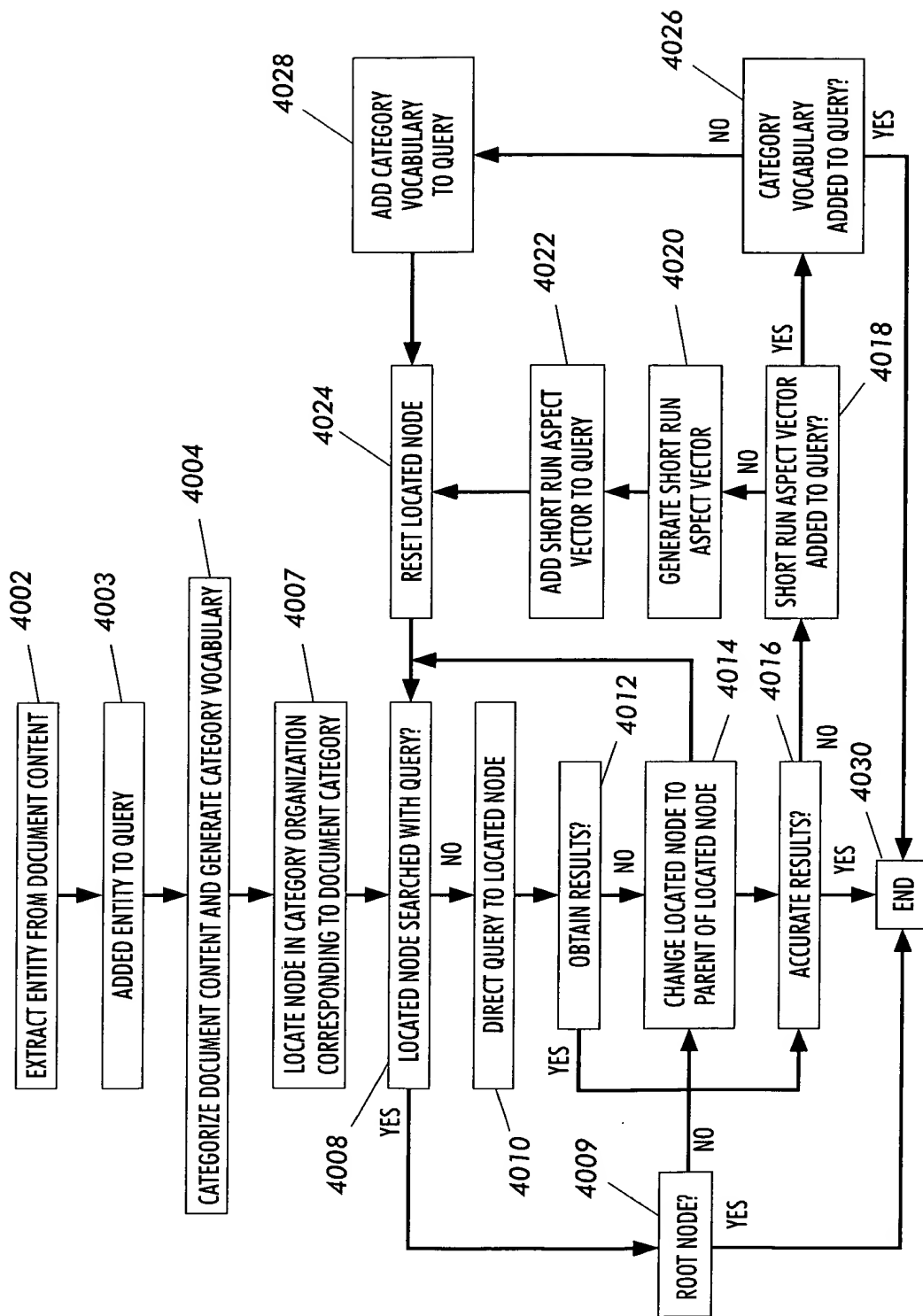
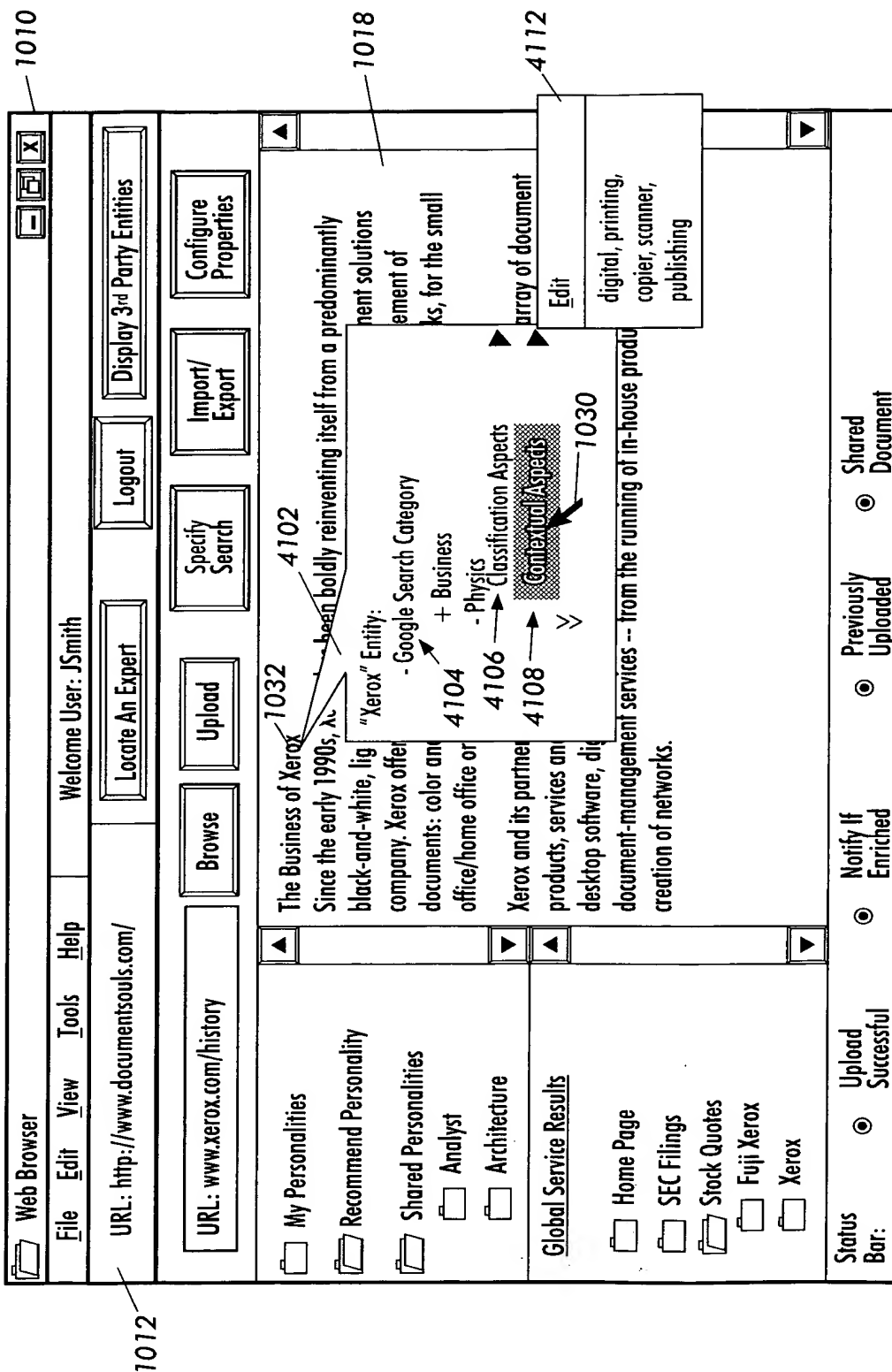


FIG. 40

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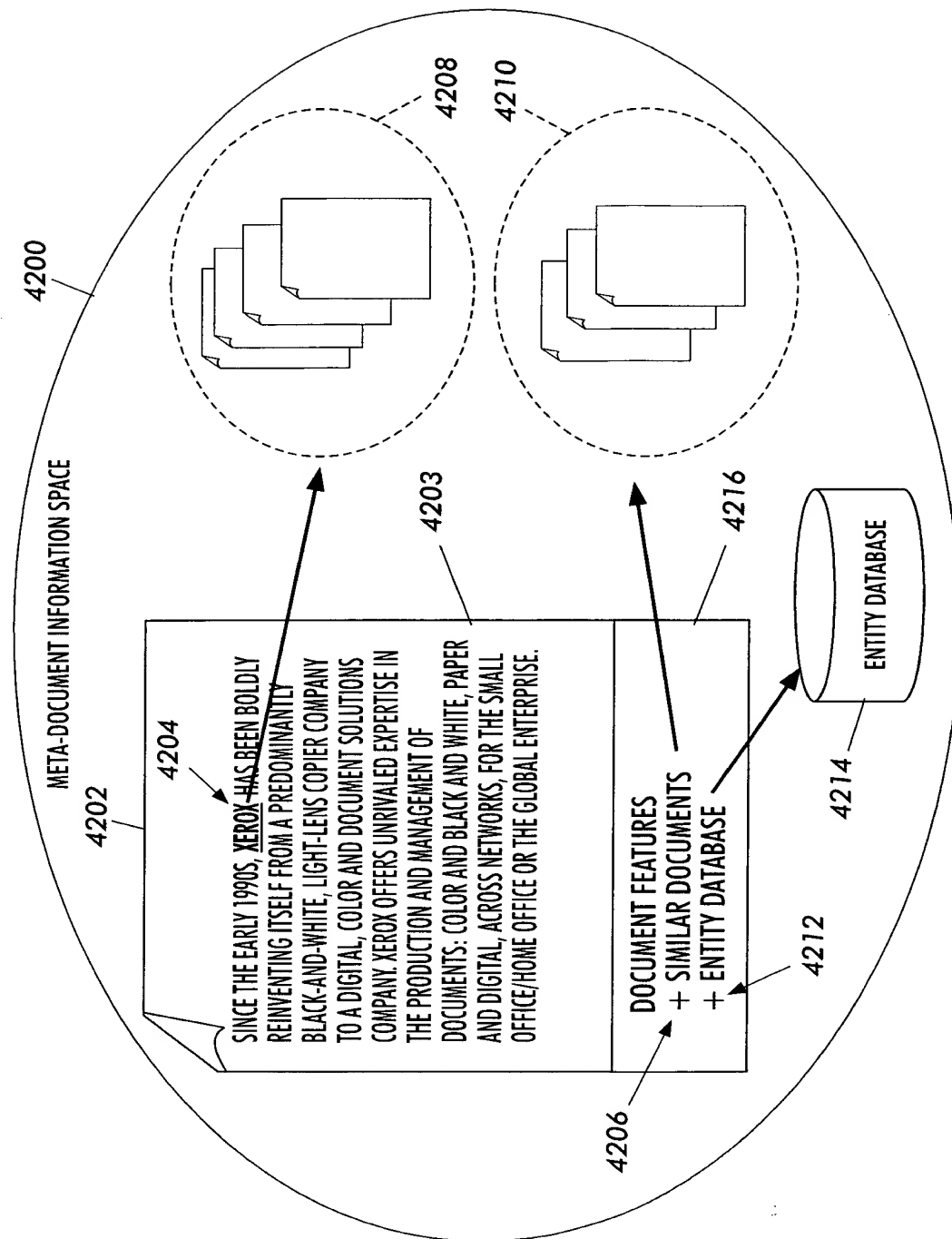


FIG. 42

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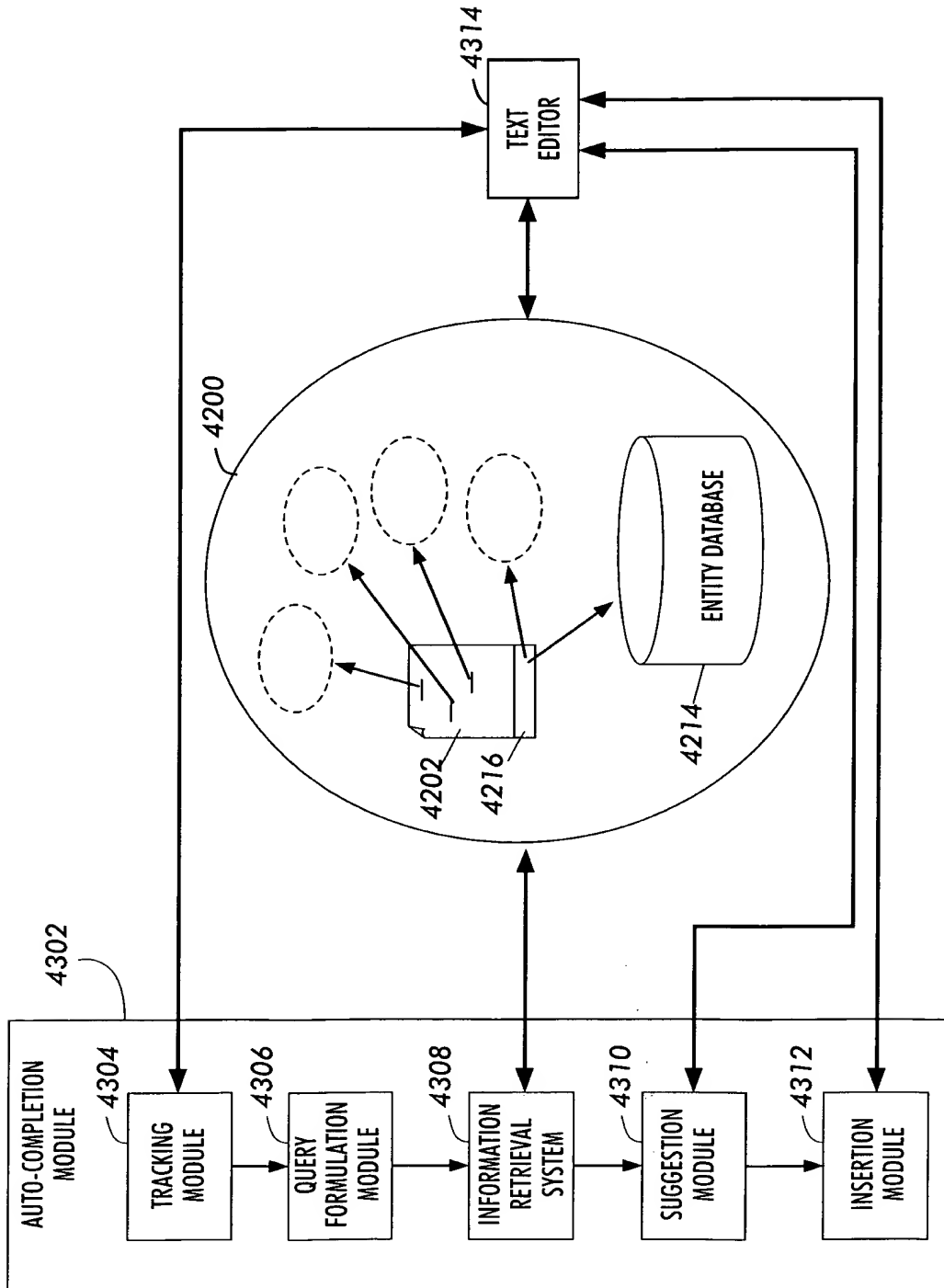


FIG. 43

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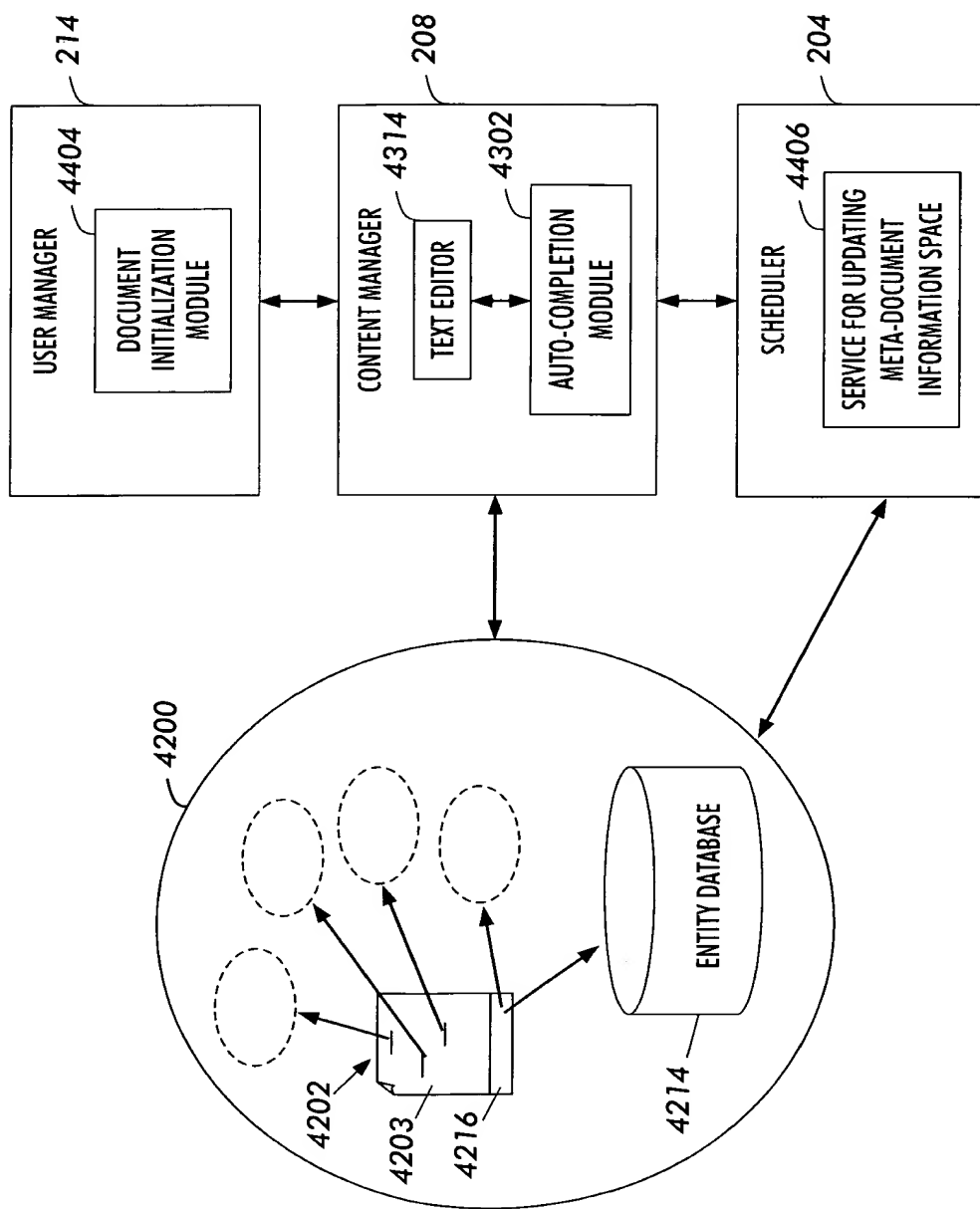


FIG. 44

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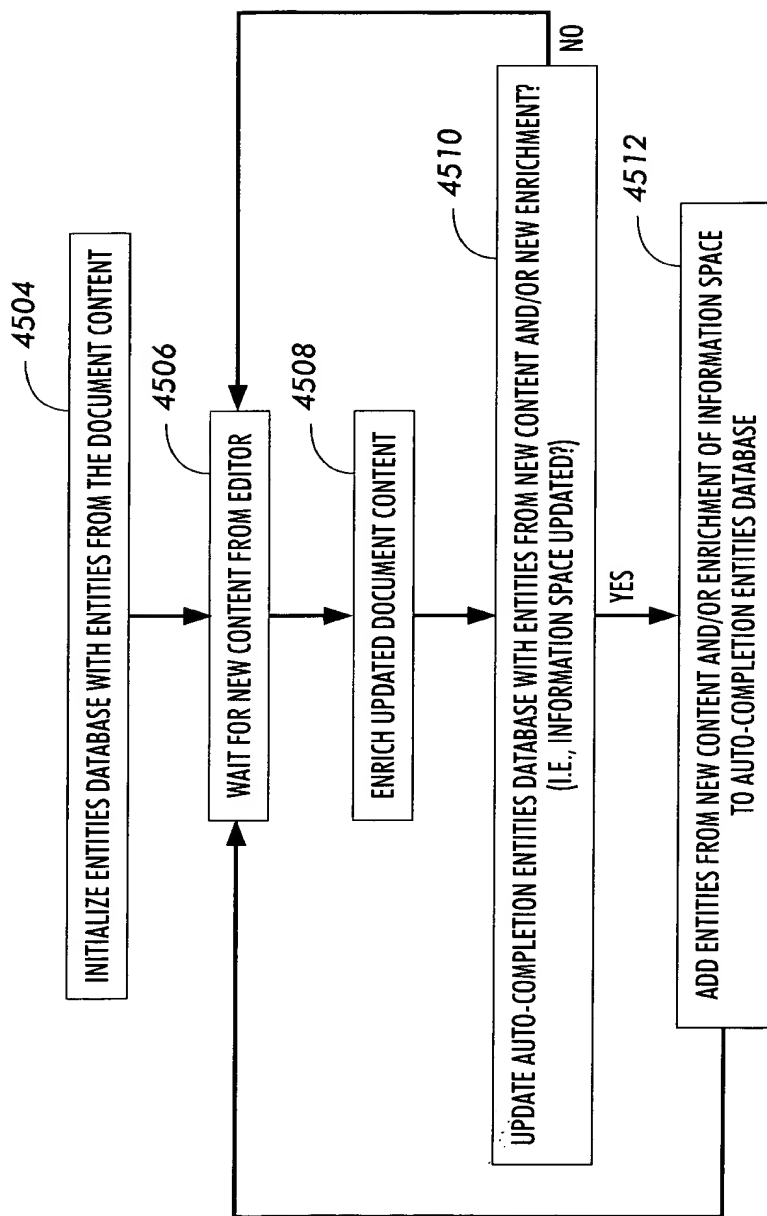


FIG. 45

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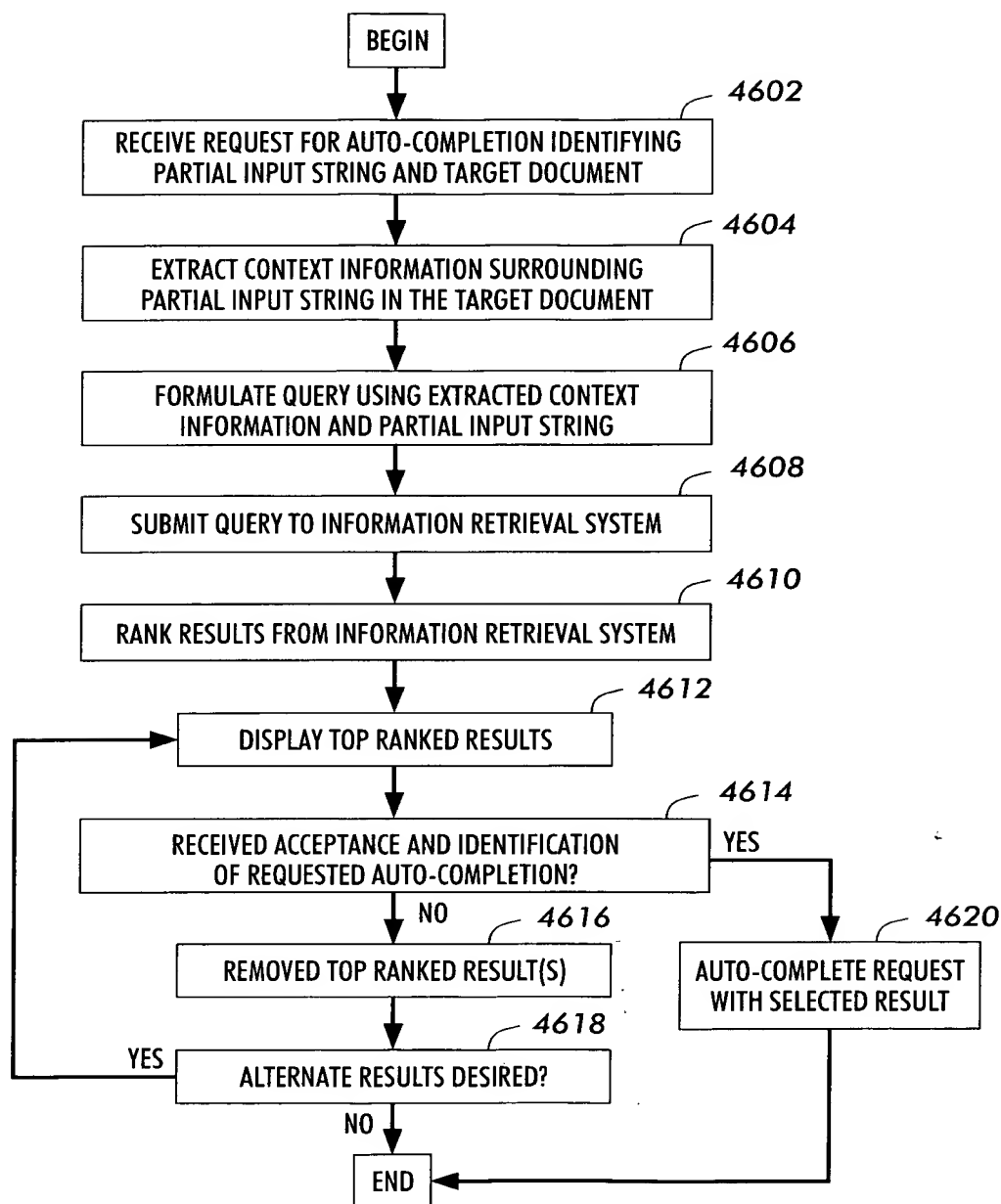


FIG. 46

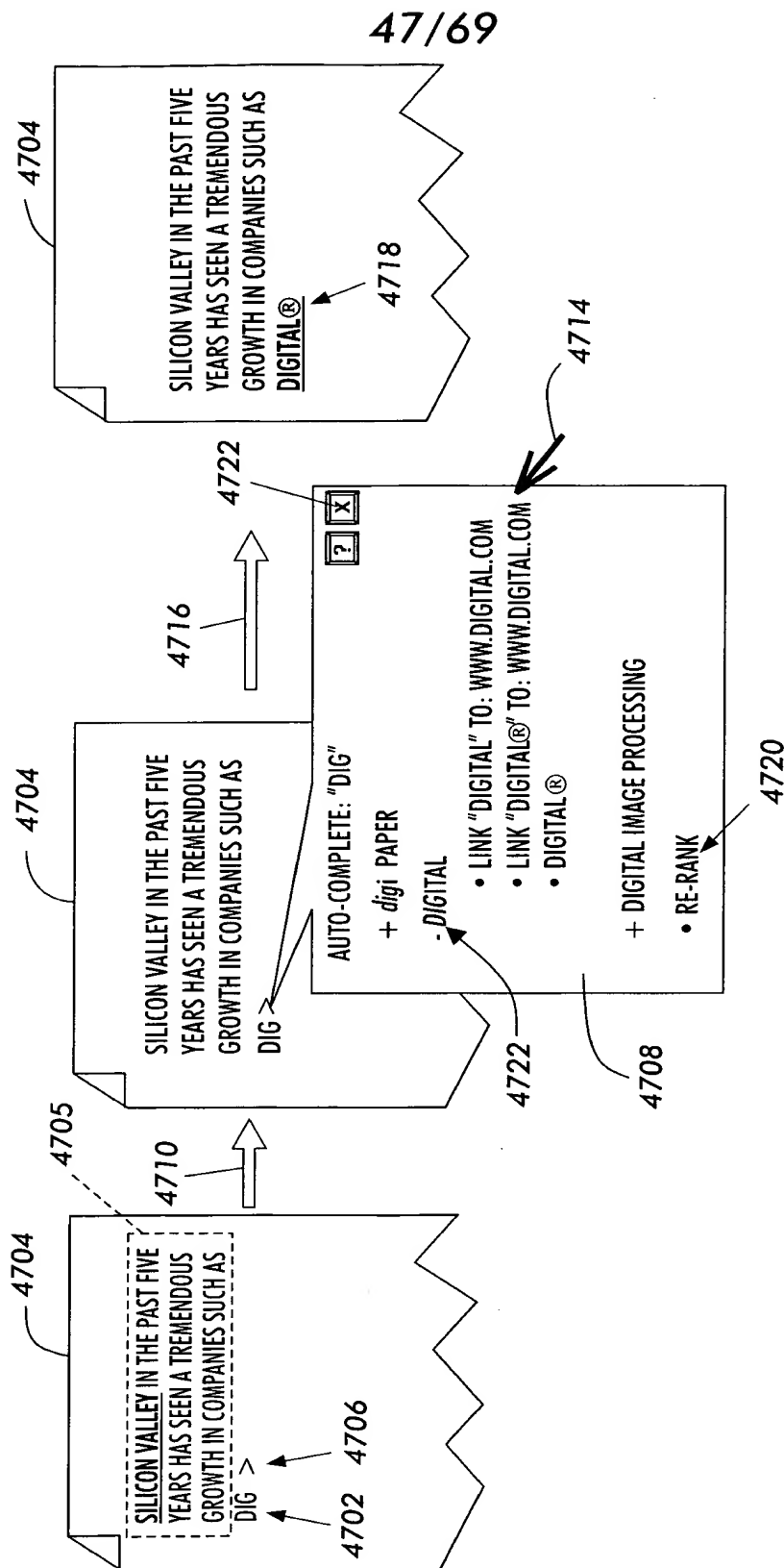


FIG. 47

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(A) KEY	(B) ENTITY	(C) MARKUP	(D) FORMAT	(E) ORIGIN	(F) ORIGIN POSITION	(G) PART OF SPEECH	(H) CONTEXT
Sili	Silicon Valley	www.siliconvalley.com	Capitalize	TARGET DOCUMENT CONTENT	1	Noun	Science
Dig	Digital	www.digital.com	®	www.digital.com	434	Adjective	Science
Dig	DigiPaper	NONE	Bold	www.parc.xerox.com	23	Noun	Science
Dig	digress	NONE	NONE	www.nytimes.com	343	Verb	Politics
...

FIG. 48

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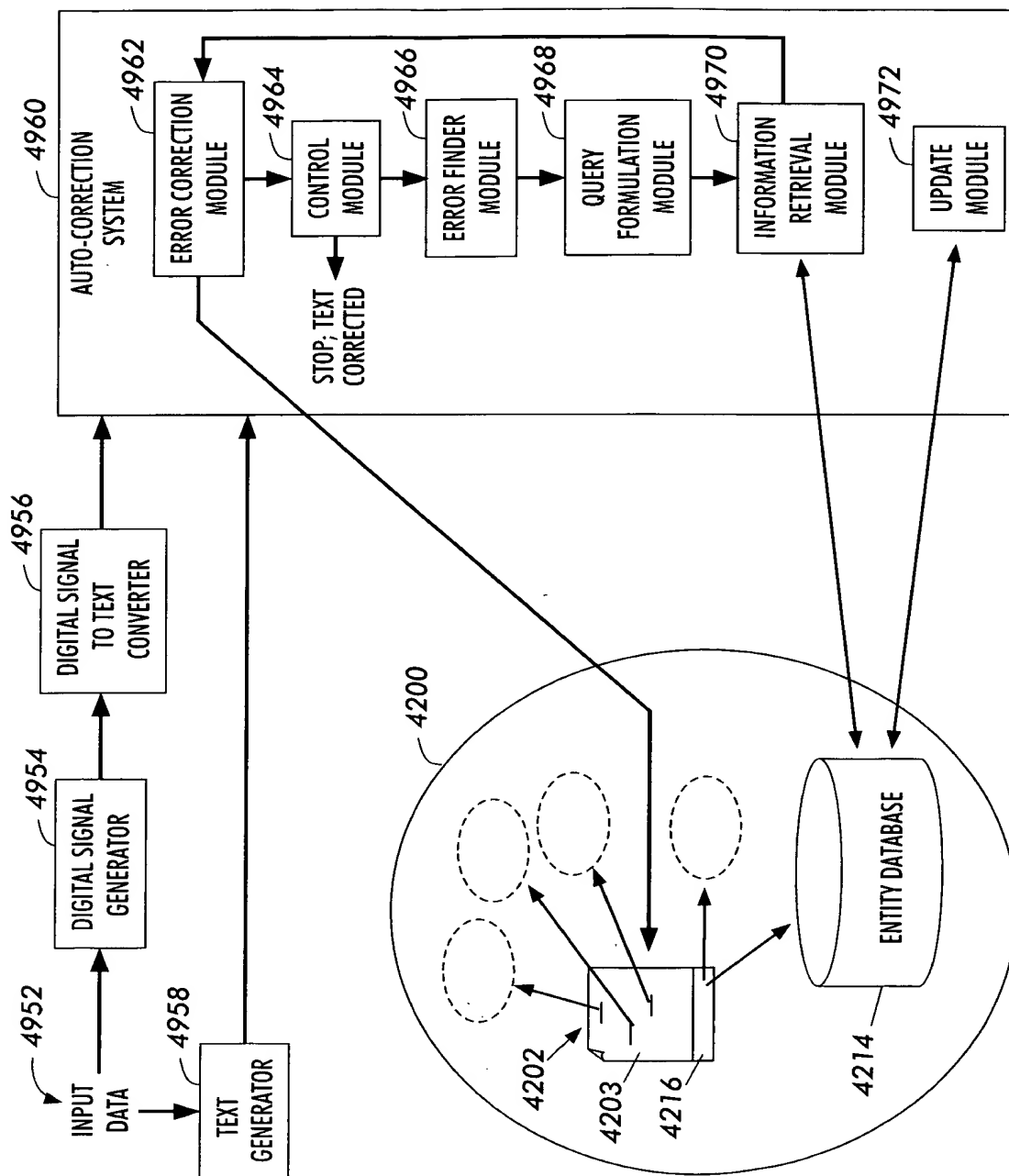


FIG. 49

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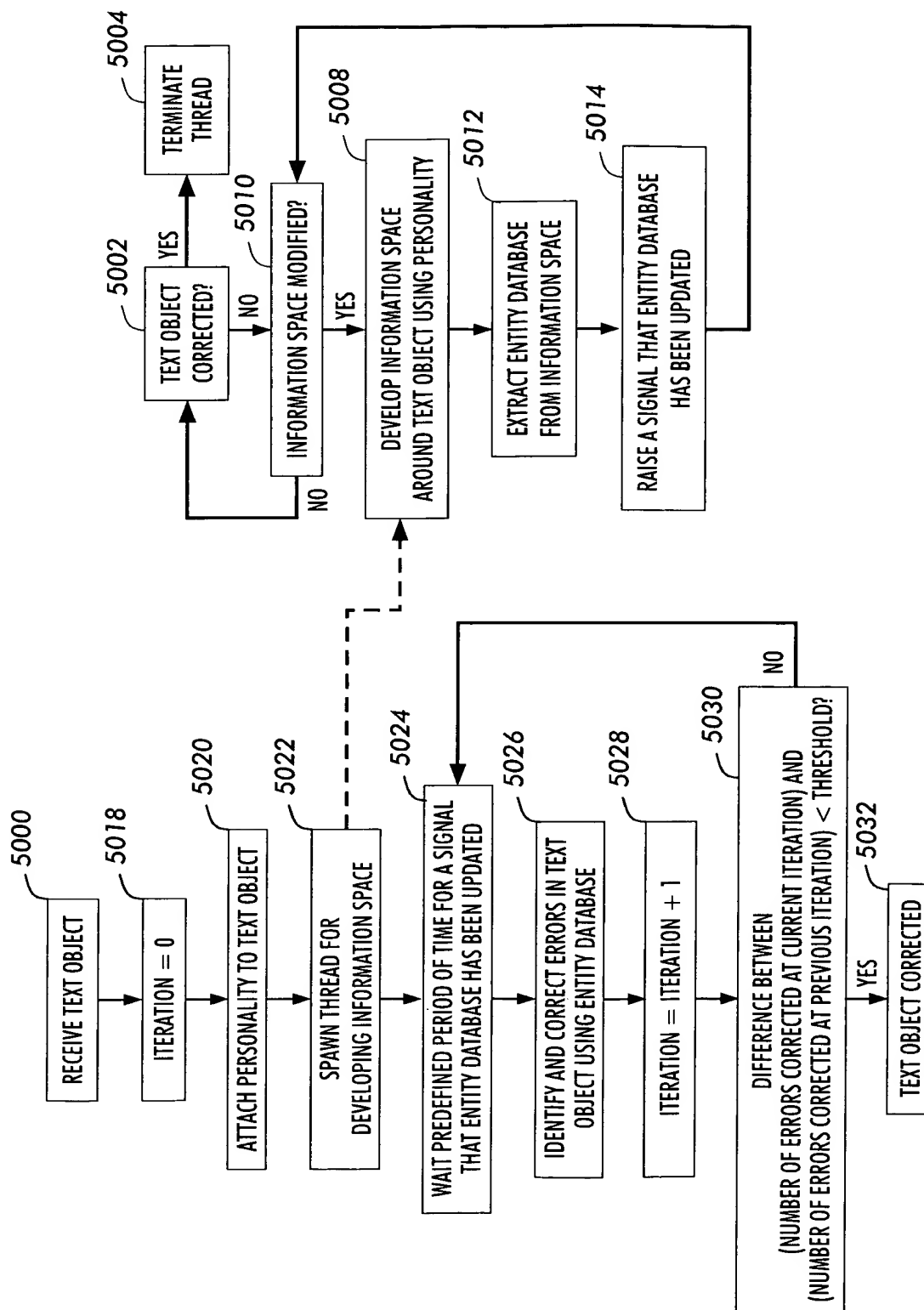


FIG. 50

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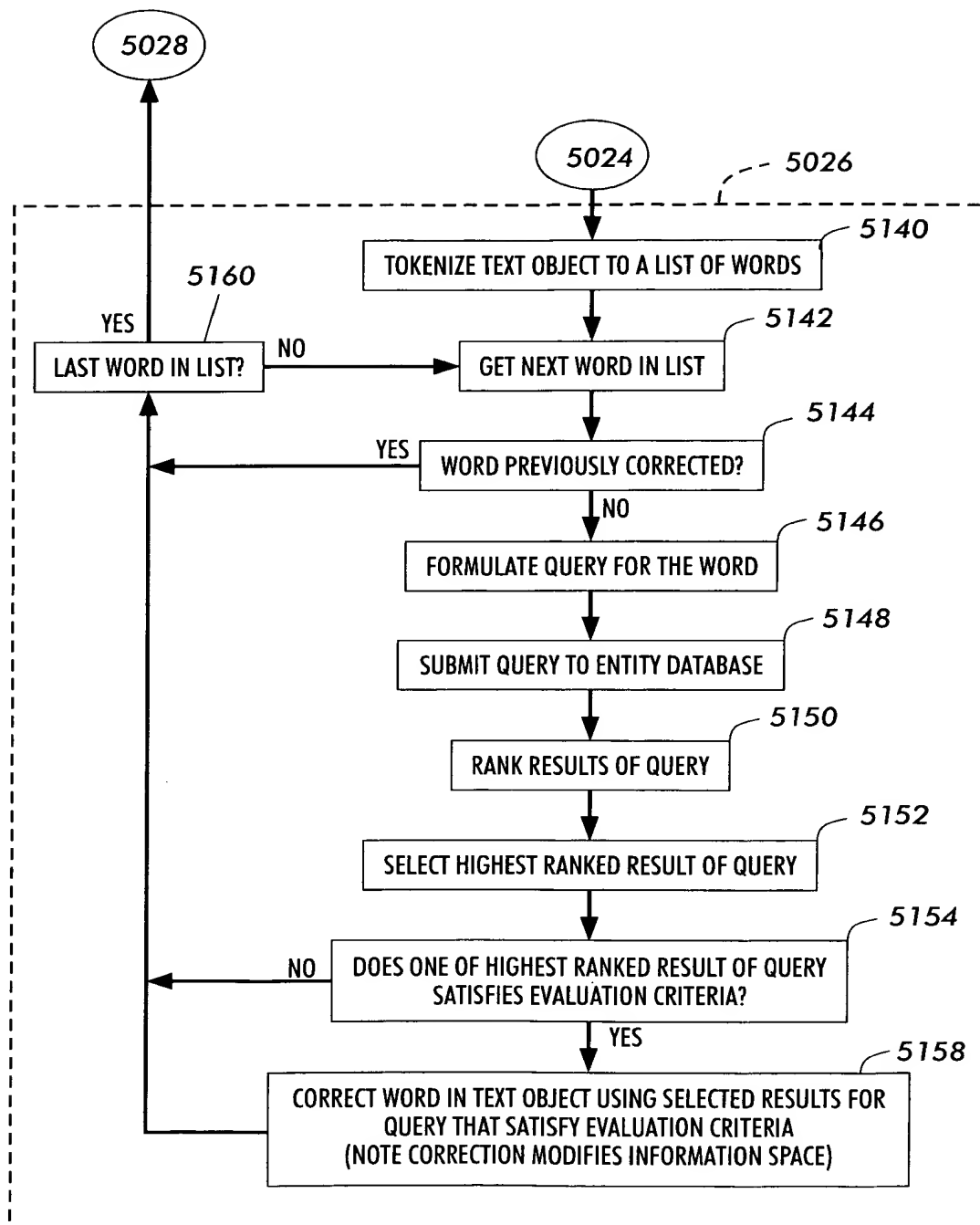


FIG. 51

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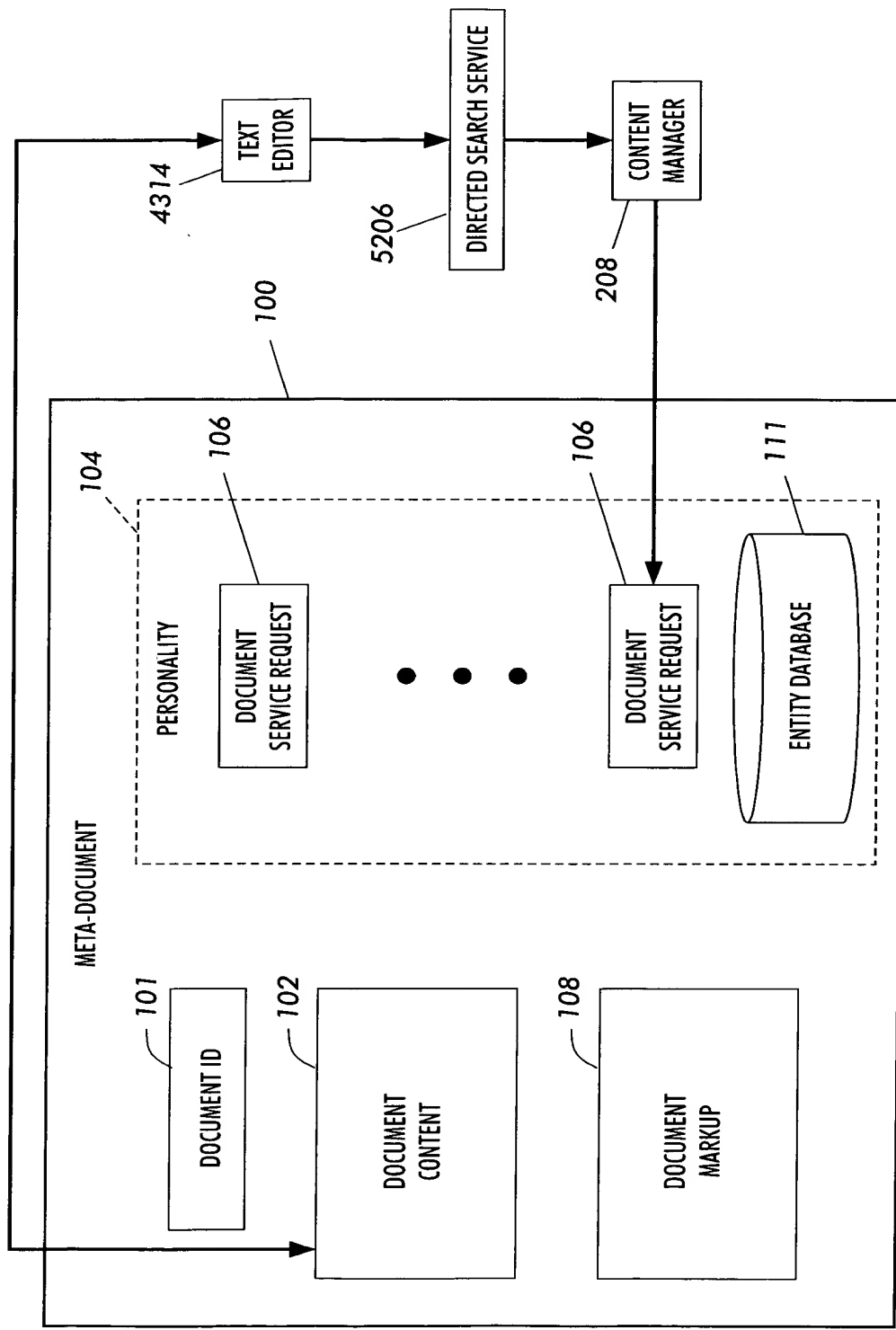


FIG. 52

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5300

DIRECTED SEARCH

5302 Get: For: 5304

5306 Insert Result as: ☐ Link ☒ Content ☐ Metadata

5308 Update Frequency:

Select Providers

Reuters
Thomson
Hoover

5310

Search Selected Providers By:

5318 ☒ Cost
5320 ☐ Speed
5322

Ensures:

Language of text is:

☒ Premium ☐ Non-Premium
☐ Low Quality ☒ High Quality
☐ Copyrighted ☒ Not Copyrighted
☐ Free ☒ Paid Max price \$:
Maximum number of words:

5312

Location Of Results:

☒ After Current Selection
☐ Before Current Selection
☐ As Comment To Current Selection
☐ As Footnote To Current Selection

5314

Current Selection Is:

Xerox in the past five years has seen tremendous growth

5315
5317
5316

Cancel Insert

FIG. 53

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5400

```
<service id='Products'
  refresh=30
  insert='Content'
  language='En'
  quality='Premium&High&Not-copyrighted&paid'
  maxprice='50'
  maxwords='2000'
  search='cost'>
  <entity>Xerox
    <offsets>13 18 456 461 710 715</offsets>
    <provider name='Thomson' id=18></provider>
    <provider name='Reuters' id=19></provider>
  </entity>
</service>
```

FIG. 54



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5500

IMPORT/EXPORT [?] [X]

EXPORT NAME: 5502

EXPORT :

- ☒ ORIGINAL DOCUMENT CONTENT
- ☒ DOCUMENT MARKUP (I.E., ENRICHMENT)
- ☒ PERSONALITIES

5504

5506

5508

☐ IMPORT NAME: 5512

IMPORT:

- ☒ ALL CONTENT
- ☐ SELECTED CONTENT ONLY
 - ☐ ORIGINAL DOCUMENT CONTENT
 - ☐ DOCUMENT MARKUP (I.E., ENRICHMENT)
 - ☐ PERSONALITIES

5510

- ☒ BIND UN-MATCHED ELEMENTS
- ☒ ENHANCE BOUND ELEMENTS WITH EXISTING SERVICE PROVIDERS

5514

FIG. 55

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```
<!-- SERVER ID>
<docsouls:serverid> DS v1.0 server name </docsouls:serverid>
<!-- PROPERTIES OF DOCUMENT>
  <docsouls:docid> xxx </docsouls:docid>
  <docsouls:name> xxx </docsouls:name>
  <docsouls:owner> xxx </docsouls:owner>
...
<!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
<docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
<docsouls:browsingdoc format="HTML">browse.html</docsouls:browsingdoc>

<!-- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
<docsouls:endowmentdescription>
  <!-- LIST OF PERSONALITIES>
    <docsouls:personality id = " " name=" " etc.>
      <docsouls:service id=" " name=" " etc.>
        <docsouls:provider name=" " etc.>
          <docsouls:provider name=" " etc.>
            </docsouls:service>
        </docsouls:personality>
      ...
    <!-- LIST OF SERVICE REQUESTS>
      <docsouls:service id=" " name=" " etc.>
        <docsouls:provider name=" " etc.>
          <docsouls:provider name=" " etc.>
            </docsouls:service>
        ...
      </docsouls:endowmentdescription>
```

FIG. 56



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```
<!-- DESCRIPTIONS OF PERSONALITIES>
<docsouls:personalitydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields AND service categories>
  <docsouls:servicecategory id="" name = "">
</docsouls: personalitydescription>

<!-- NEXT PERSONALITY DESCRIPTION>
...

<!-- DESCRIPTION OF DOCUMENT SERVICE REQUESTS>
<docsouls:servicedescription>
  <docsouls:id> xx </docsouls:id>
  <!-- list all fields (e.g., "refresh period", category, etc.)>
  <!-- list all providers>
  <docsouls:provider id="" name = "">
  <!-- list all strategies>
  <!-- list status of services (original, frozen, mapped, etc.)>
  <docsouls:servicestatus status="mapped" originalid="" originalserver="">
  <!-- list ServerId if the service was not available on current server>
  <docsouls:serverid>id</docsouls:serverid>
</docsouls:servicedescription>

<!-- NEXT SERVICE REQUESTS DESCRIPTION>
...
```

FIG. 57

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```
<!-- DESCRIPTION OF PROVIDERS >
<docsouls:providerdescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields e.g. key, URL, etc.>
</docsouls:providerdescription >

<!-- DESCRIPTION OF DICTIONARIES >
<docsouls:dictionarydescription>
  <docsouls:id> xx </docsouls:id>
  <!-- all the fields, e.g. category>
</docsouls:dictionarydescription>

<!-- DESCRIPTION OF STRATEGY >
<docsouls:strategydescription>
  <docsouls:id> xx </docsouls:id>
  <!--all the fields>
  <!--all the dictionaries>
</docsouls:strategydescription>

<!-- RESULTS OF GLOBAL SERVICES >
<docsouls:globalservice id="Summary">
  <docsouls:link> xxx </docsouls:link>
  <docsouls:content> xxx </docsouls:content>
</docsouls:globalservice>

<!-- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC.) >
```

FIG. 58A





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```
<!-- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT
SYSTEMS>
<docsouls:serverid>olderServerId</docsouls:serverid>
<docsouls:personalitydescription>...</docsouls:personalitydescription>
<docsouls:servicedescription>...</docsouls:servicedescription>

<!-- (OPTIONAL) LIST OF RESULTS OF THE LAST ENRICHMENT>
<!-- IDENTIFY DOCUMENT SECTION IN CASE OF MULTI-PART DOC>
<docsouls:docpart>main_frame.html</docsouls:docpart>
<!-- OFFSET WHEN ENRICHMENT APPLIES TO A SECTION>
<docsouls:offset> 0 200 </docsouls:offset>
<!-- STATUS OF SERVICE APPLIED ("ACTIVE" OR "FROZEN")>
<docsouls:service id="StockQuote" status="active">
  <!-- ENTITY>
    <docsouls:entity>Xerox
      <!-- NORMALIZED FORM>
        <docsouls:normform>Xerox</docsouls:normform>
      <!-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION>
        <docsouls:offsets start=35 end=40 />
        <docsouls:offsets start=232 end=237 />
      <!-- DICTIONARIES>
        <docsouls:dict> xxx </docsouls:dict>
      <!-- STRATEGIES>
        <docsouls:strat> xxx </docsouls:strat>
      <!-- LINK INFORMATION>
        <docsouls:link> xxx </docsouls:link>
      <!-- CONTENT INFORMATION>
        <docsouls:content> xxx </docsouls:content>
    </docsouls:entity>
  <!-- NEXT ENTITY>
    ...
</docsouls:service>
```

FIG. 58B

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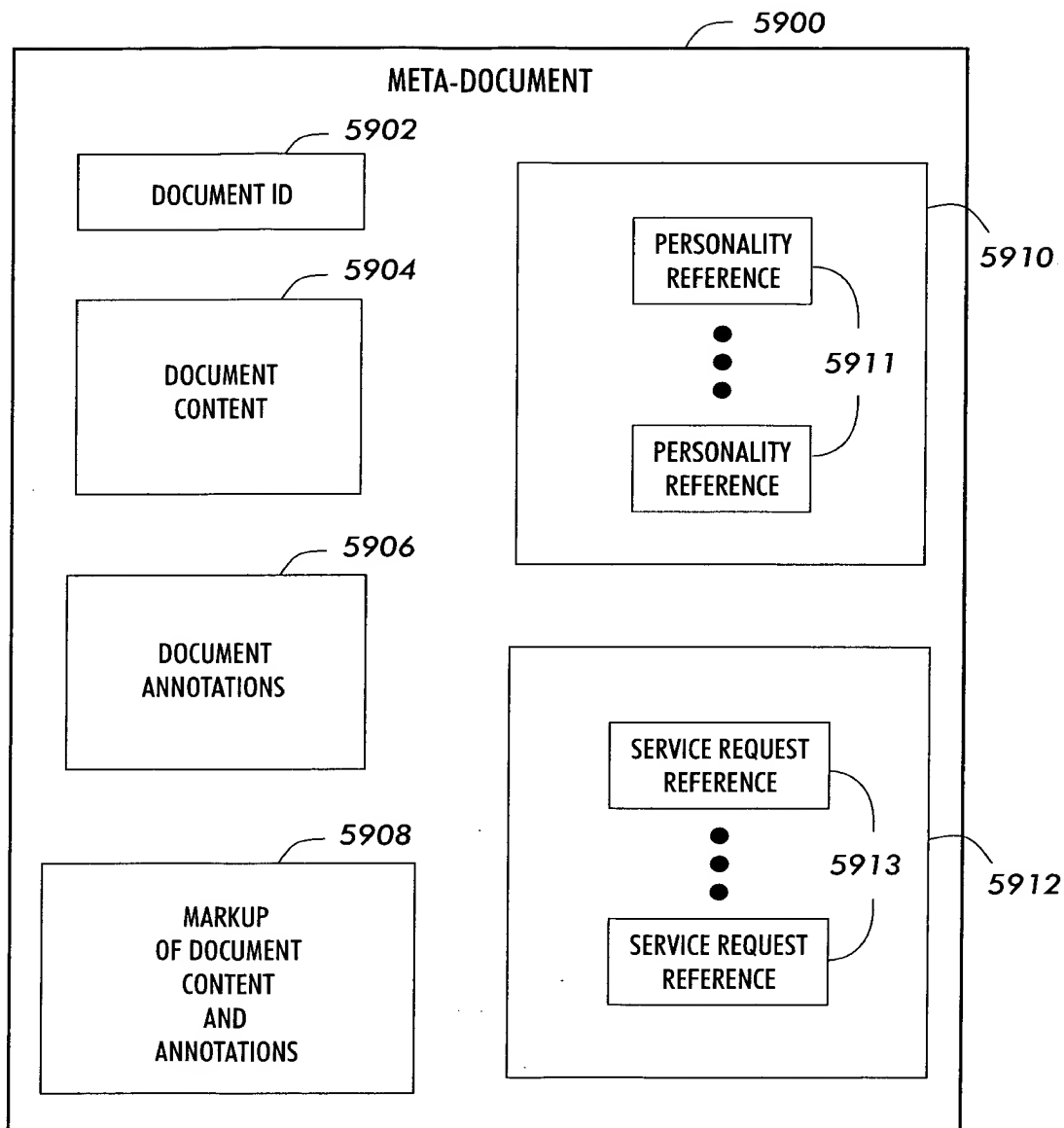


FIG. 59



2172
09/683,237

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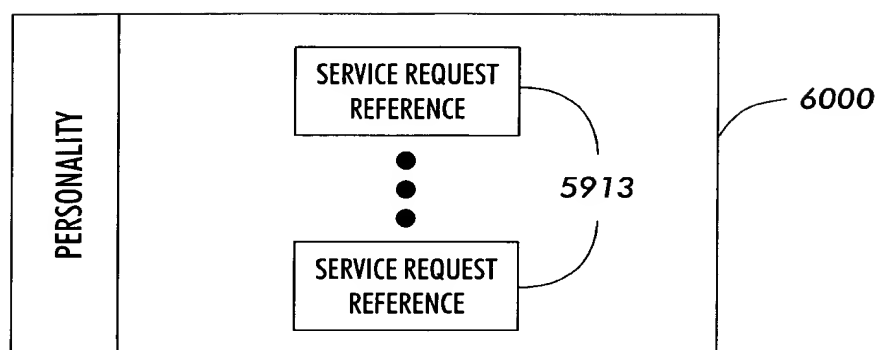


FIG. 60

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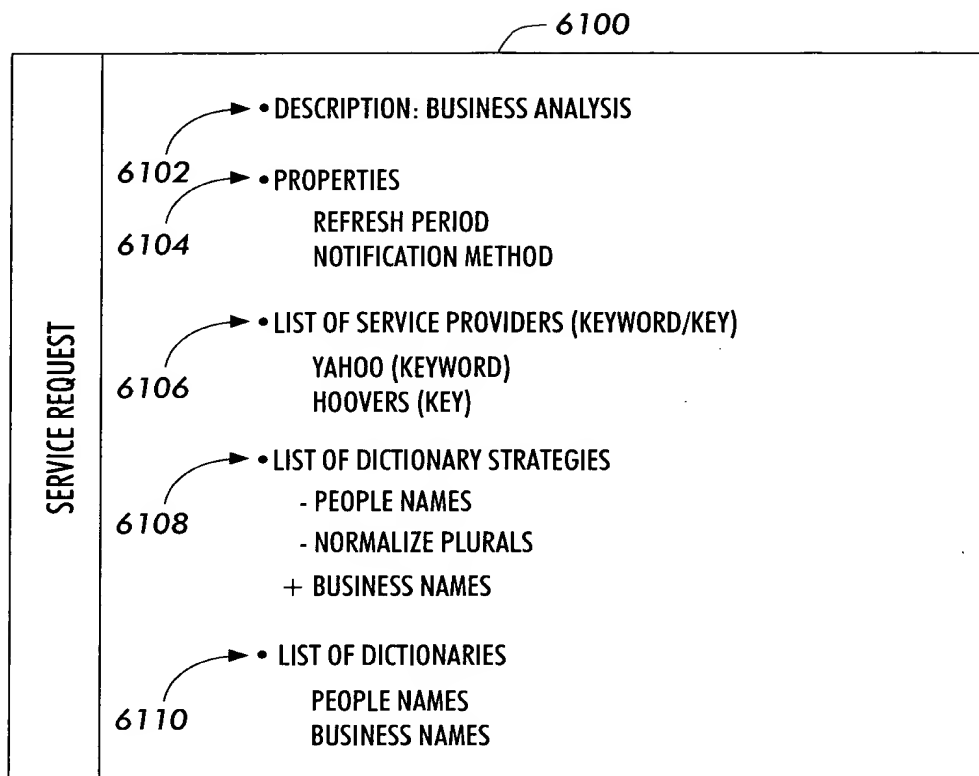
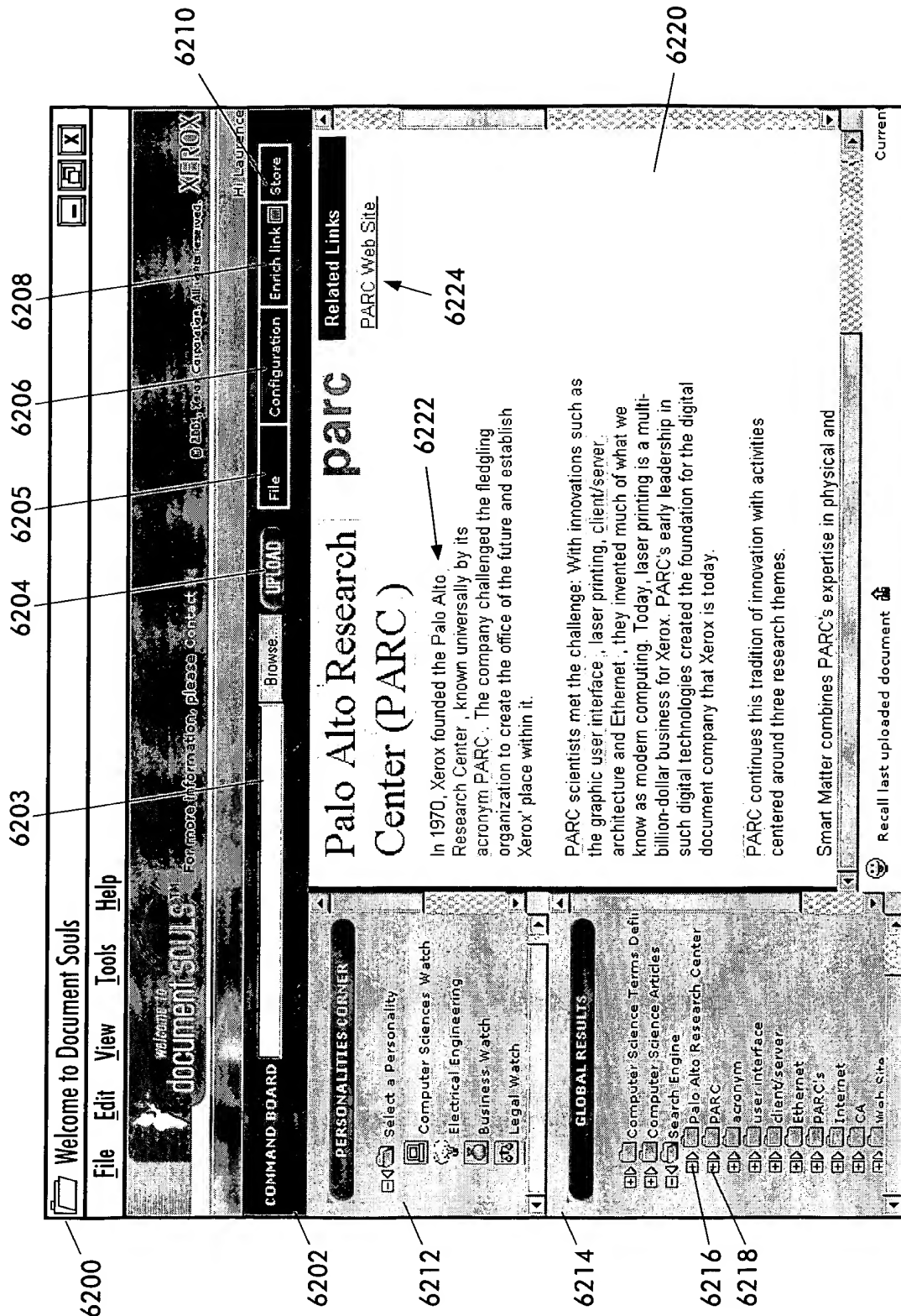


FIG. 61

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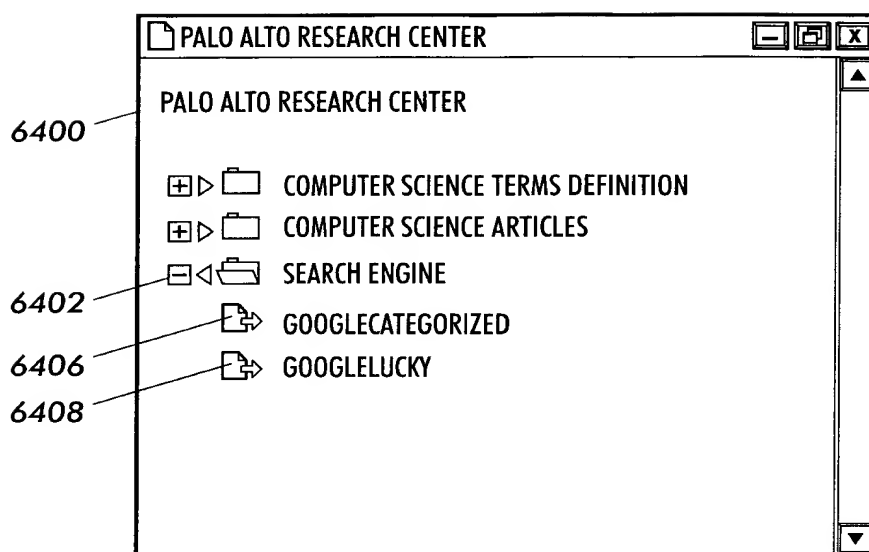


FIG. 64



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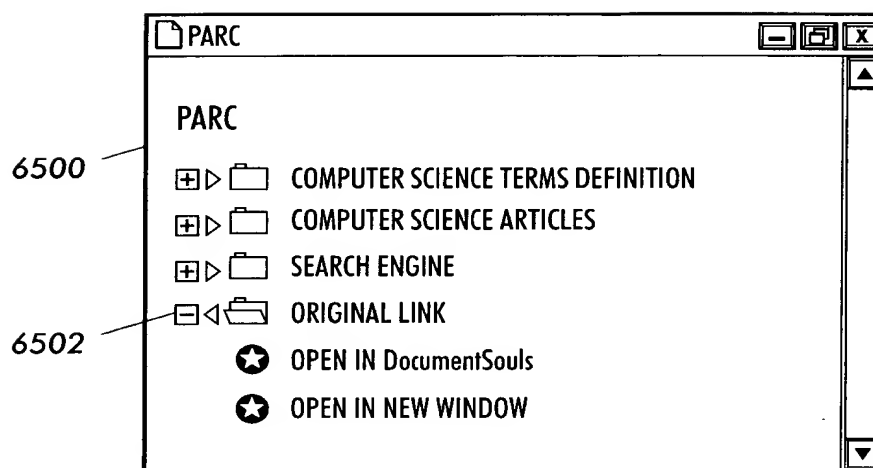


FIG. 65

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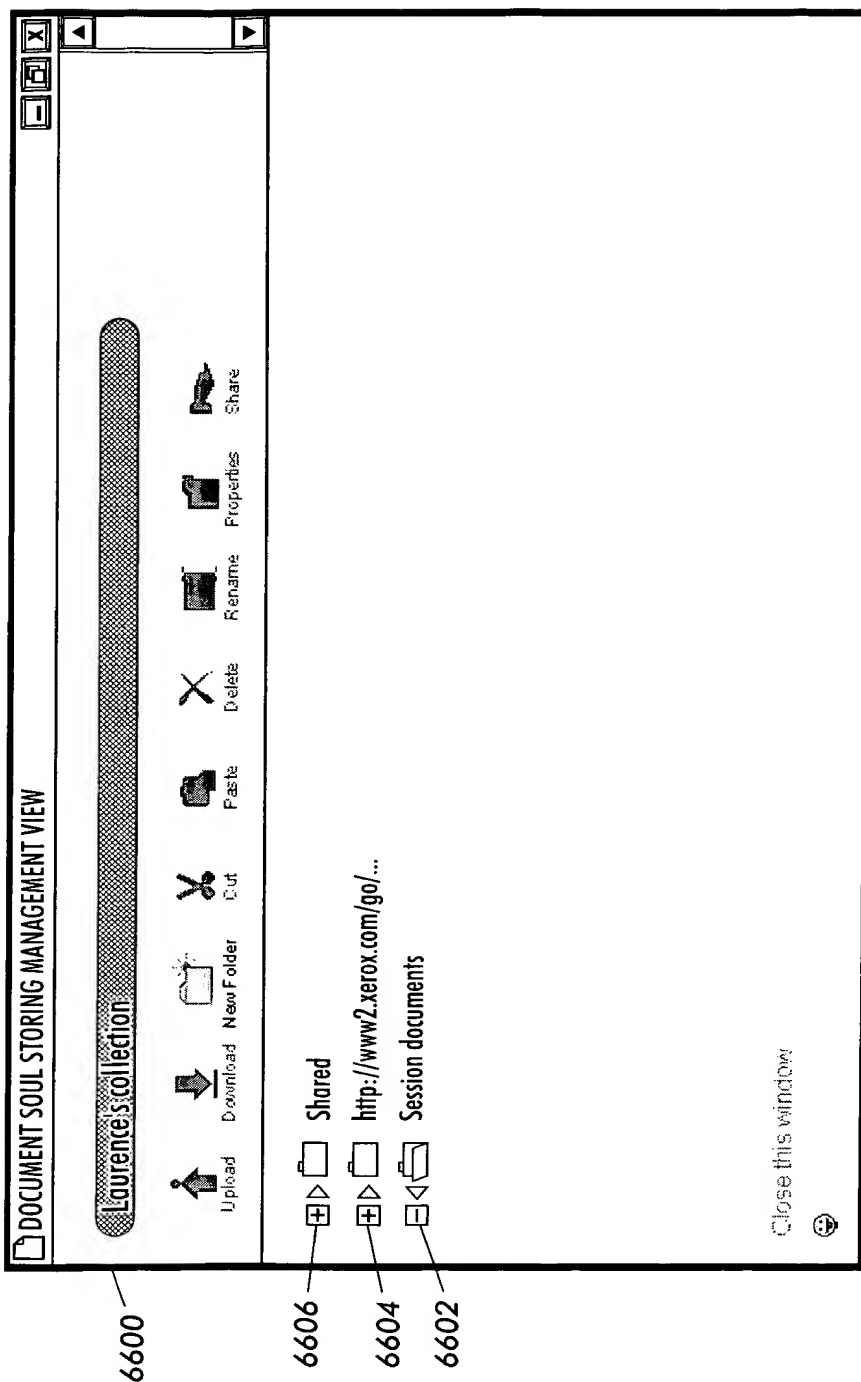


FIG. 66

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DOCUMENT SOUL MARKING OPTIONS

Marking and Enrichment option:

Add an enrich button to your browser: Enrich with DocSouls (drag & drop this link to your toolbar, Unix Netscape user: right click on the link and choose **add bookmark for link** then edit your bookmark and rename it)

Default personality:

☐ Choose default personality: Computer Sciences Watch

☒ Always ask for personality

Color of marked words: ...

☐ Automatically enrich any uploaded document with the default personality

☒ Enrich followed links

SUBMIT CANCEL

6700

6702

6704

6706

6708

6710

FIG. 67

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DOCUMENT SOUL SERVICES CONFIGURATION

List of available service categories:

Abstracts

Name	Type	Status	Priority	Provider	Dico(s)	Refresh	Query
Abstracts from Compendex	STANDARD	Unknown	LOW	uspatent_office	List	none	LINK
Abstracts from Website AB	STANDARD	Unknown	LOW	website_abstracts	List	none	LINK

6802

Industry Standards		
Patents and IPs		
Engineering Handbooks		
Technical News		
Technical Information		

List of all Abstracts from Compendex dictionaries:

Name	Category	Select
electricalEngineering	/Science/Technology/	<input checked="" type="checkbox"/>
names	?Society/People/	<input checked="" type="checkbox"/>

6804

6800

FIG. 68